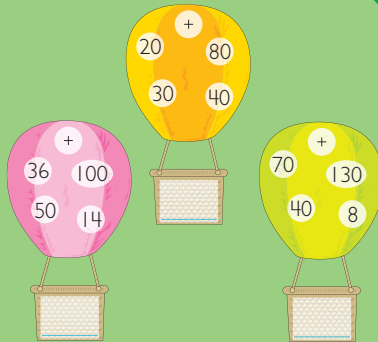
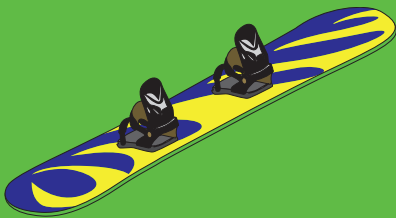


Sproti^{*}

3b

ÆFINGAHEFTI



$$\begin{array}{r} 156 \\ + 226 \\ \hline \end{array}$$

EFNISYFIRLIT

9 Kaup og sala	2
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Björnar Alseth • Ann-Christin Arnås • Henrik Kirkegaard • Mona Røsseland

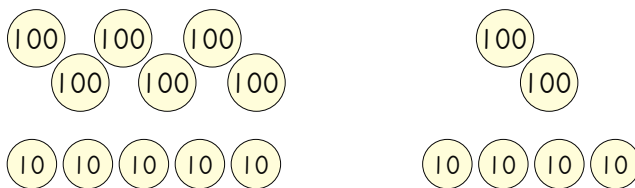
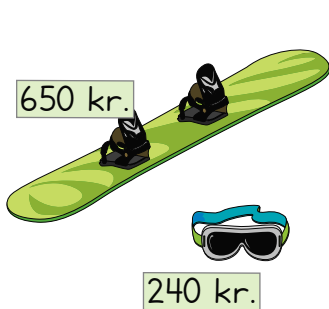
Sprotti

3b

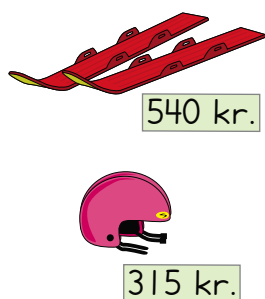
ÆFINGAHEFTI

9 Kaup og sala

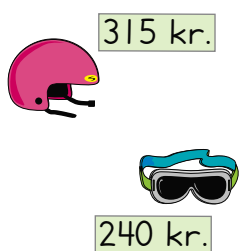
[.] Hvað kosta vörurnar?



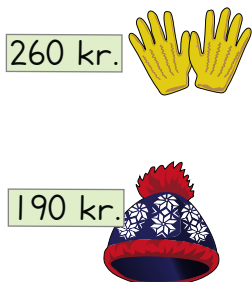
_____ kr. + _____ kr. = _____ kr.



_____ kr. + _____ kr. = _____ kr.

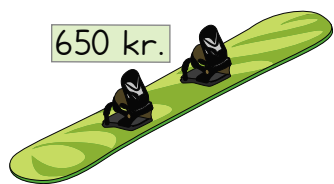


_____ kr. + _____ kr. = _____ kr.



_____ kr. + _____ kr. = _____ kr.

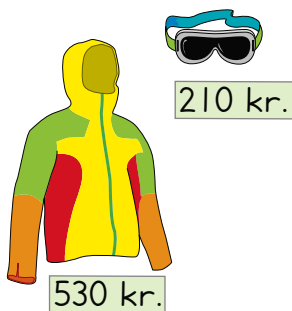
[.] Hvað kosta vörurnar?



_____ kr. + _____ kr. = _____ kr.



_____ kr. + _____ kr. = _____ kr.



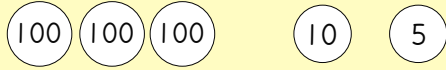
_____ kr. + _____ kr. = _____ kr.



_____ kr. + _____ kr. = _____ kr.

[·] Hvernig geturðu borgað?
Teiknaðu peningana.

315 kr.



$$315 = 200 + 100 + 10 + 5$$

$$315 = \underline{\hspace{2cm}}$$

$$315 = \underline{\hspace{2cm}}$$

$$315 = \underline{\hspace{2cm}}$$

[·] Hvernig geturðu borgað?
Teiknaðu peningana.

660 kr.



$$660 = \underline{\hspace{2cm}}$$

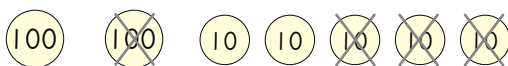
$$660 = \underline{\hspace{2cm}}$$

$$660 = \underline{\hspace{2cm}}$$

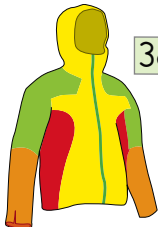
$$660 = \underline{\hspace{2cm}}$$

[·] Hvað verður afgangs?

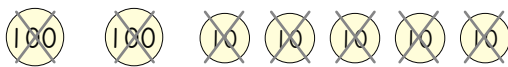
Ég á:



Ég kaupi:



380 kr.



$$500 \text{ kr.} - 380 \text{ kr.} = \underline{\hspace{2cm}} \text{ kr.}$$

Ég á:



Ég kaupi:



240 kr.

$$\underline{\hspace{2cm}} \text{ kr.} - \underline{\hspace{2cm}} \text{ kr.} = \underline{\hspace{2cm}} \text{ kr.}$$

Ég á:



Ég kaupi:



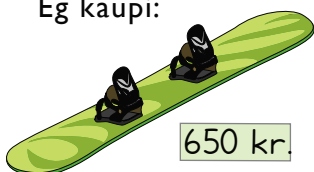
540 kr.

$$\underline{\hspace{2cm}} \text{ kr.} - \underline{\hspace{2cm}} \text{ kr.} = \underline{\hspace{2cm}} \text{ kr.}$$

Ég á:



Ég kaupi:



650 kr.

$$\underline{\hspace{2cm}} \text{ kr.} - \underline{\hspace{2cm}} \text{ kr.} = \underline{\hspace{2cm}} \text{ kr.}$$

[.] Reiknaðu dæmin. Skrifaðu bókstafina í reitina neðst.
Þá sérðu hvað Skrípólína segir.

$$587 + 410 = \underline{\hspace{2cm}} \text{ V}$$

$$108 + 650 = \underline{\hspace{2cm}} \text{ Í}$$

$$444 + 505 = \underline{\hspace{2cm}} \text{ E}$$

$$329 + 60 = \underline{\hspace{2cm}} \text{ H}$$

$$300 + 337 = \underline{\hspace{2cm}} \text{ R}$$

$$642 + 222 = \underline{\hspace{2cm}} \text{ Ó}$$

$$529 + 240 = \underline{\hspace{2cm}} \text{ S}$$

$$783 + 111 = \underline{\hspace{2cm}} \text{ P}$$

$$310 + 669 = \underline{\hspace{2cm}} \text{ R}$$

$$227 + 740 = \underline{\hspace{2cm}} \text{ K}$$

$$512 + 305 = \underline{\hspace{2cm}} \text{ A}$$

$$599 + 31 = \underline{\hspace{2cm}} \text{ R}$$



389	997	817	979
<u> </u>	<u> </u>	<u> </u>	<u> </u>

949	637
<u> </u>	<u> </u>

769	967	630	758	894	864
<u> </u>	<u> </u>	<u> </u>	<u> </u>	<u> </u>	<u> </u>

?

[·] Dragðu strik í næsta tug.

12

26

34

36

47



[·] Námundaðu að næsta tug.

83 ≈ _____

52 ≈ _____

18 ≈ _____

79 ≈ _____

73 ≈ _____

123 ≈ _____

87 ≈ _____

94 ≈ _____

247 ≈ _____

[·] Dragðu strik í næsta hundrað.

130

240

310

420

465



[·] Námundaðu að næsta hundraði.

649 ≈ _____

819 ≈ _____

120 ≈ _____

460 ≈ _____

752 ≈ _____

873 ≈ _____

535 ≈ _____

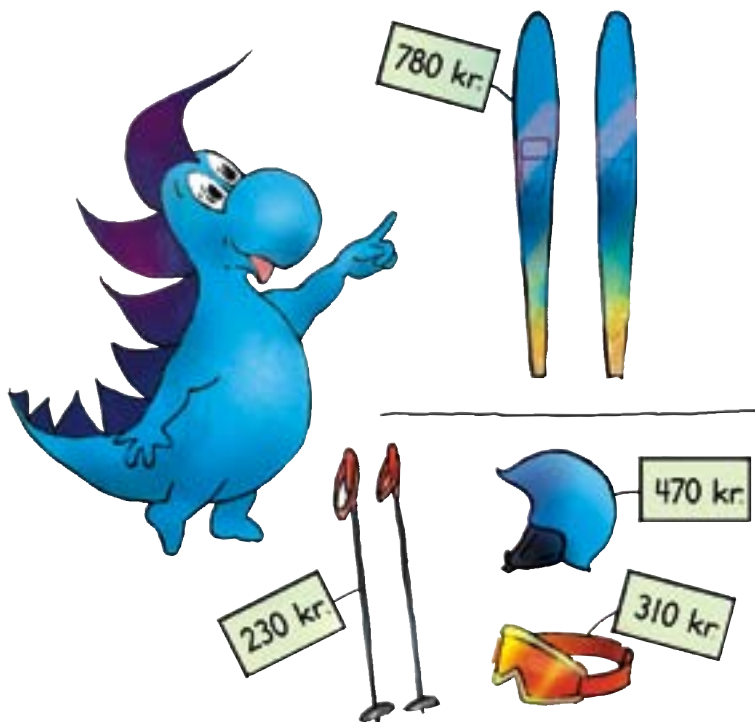
967 ≈ _____

587 ≈ _____

- Nemendur námunda tölurnar að næsta tug og draga strik að réttum stað á talnalínunni.
- Nemendur námunda tölurnar að næsta tug.

- Nemendur námunda tölurnar að næsta hundraði og draga strik að réttum stað á talnalínunni.
- Nemendur námunda tölurnar að næsta hundraði.

[.] Námundaðu verð hvernar vöru að næsta hundraði.
Reiknaðu síðan.



Skíði
Skíðastafir
Hjálmur
Skíðagleraugu

[.] Námundaðu vöruverðið að næsta tug og reiknaðu síðan.



Gos
Pylsa með öllu
Vaffla
Súkkulaði

[.] Námunðaðu hverja tölu að næsta tug og reiknaðu síðan.
Hvað segir Skrípó?



$$73 + 41 \approx \underline{\hspace{2cm}} \text{ N}$$

$$118 - 48 \approx \underline{\hspace{2cm}} \text{ N}$$

$$336 + 50 \approx \underline{\hspace{2cm}} \text{ G}$$

$$157 + 28 \approx \underline{\hspace{2cm}} \text{ D}$$

$$198 + 232 \approx \underline{\hspace{2cm}} \text{ I}$$

$$53 + 317 \approx \underline{\hspace{2cm}} \text{ U}$$

$$124 + 228 \approx \underline{\hspace{2cm}} \text{ N}$$

$$306 + 66 \approx \underline{\hspace{2cm}} \text{ R}$$

$$95 + 104 \approx \underline{\hspace{2cm}} \text{ R}$$

$$584 - 58 \approx \underline{\hspace{2cm}} \text{ Á}$$

$$342 - 202 \approx \underline{\hspace{2cm}} \text{ U}$$

$$223 - 58 \approx \underline{\hspace{2cm}} \text{ E}$$

$$461 - 154 \approx \underline{\hspace{2cm}} \text{ Ð}$$

$$813 - 399 \approx \underline{\hspace{2cm}} \text{ A}$$

$$648 - 307 \approx \underline{\hspace{2cm}} \text{ É}$$

340	390
<u> </u>	<u> </u>

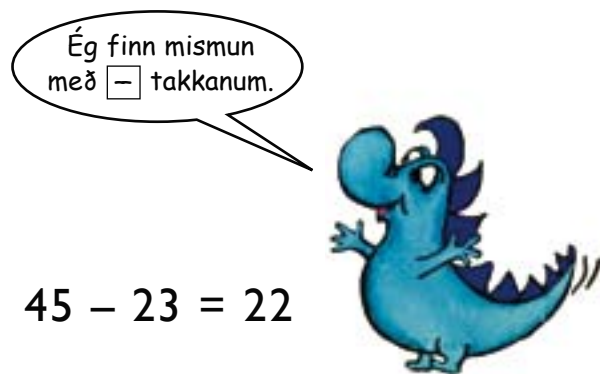
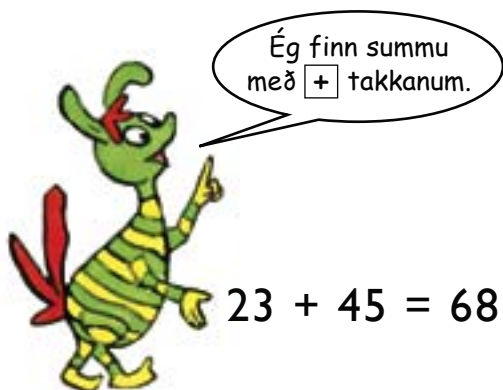
160	380
<u> </u>	<u> </u>

520
<u> </u>

140	110	190	410	70
<u> </u>	<u> </u>	<u> </u>	<u> </u>	<u> </u>

350	430	310	370	200
<u> </u>	<u> </u>	<u> </u>	<u> </u>	<u> </u>

!



[·] Notaðu vasareikni.

Finndu hvaða svör eru rétt 😊 og hvaða svör eru röng ☹.

$266 + 119 = 384$	😊	$470 - 210 = 250$	○
$388 + 290 = 672$	☹	$361 - 281 = 80$	○
$413 + 129 = 562$	○	$297 - 159 = 38$	○
$514 + 136 = 650$	○	$282 - 113 = 169$	○
$265 + 143 = 409$	○	$347 - 283 = 164$	○

Hve mörg svör voru rétt? _____ Hve mörg voru röng? _____

[·] Reiknaðu dæmin með vasareikni. Skráðu bókstafina við rétt svör.

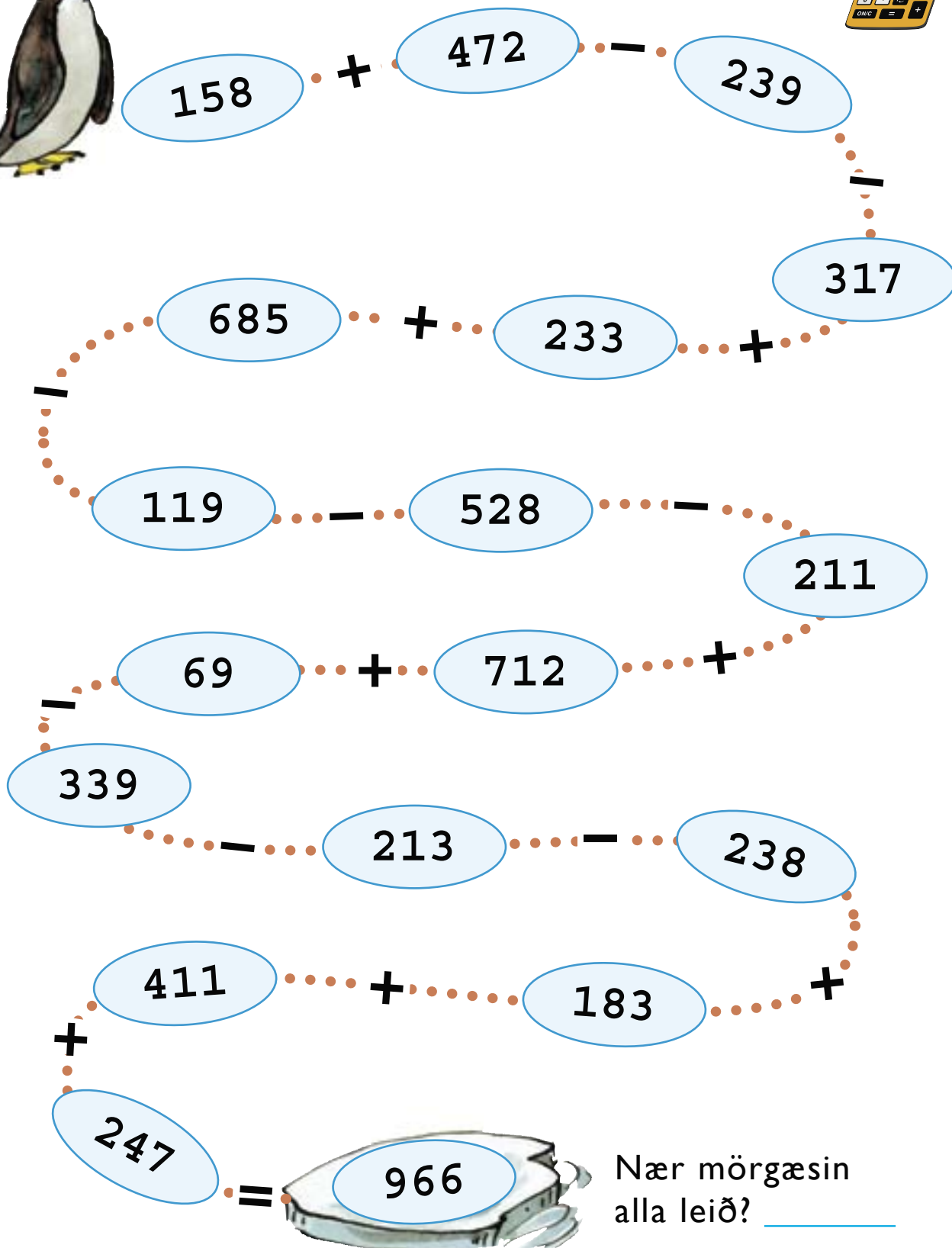
$139 + 121$ T	$700 - 310$ R	$600 - 390$ E	$482 + 18$ U	$199 - 129$ L
$60 + 60 + 60$ Þ	$1000 - 670$ V	$54 + 97$ A	$125 + 125 + 125 + 125$!	$321 - 267$ Ð

180	210	260	260	151

210	390

151	500	54	330	210	70	260	500

[.] Notaðu vasareikni. Reiknaðu dæmin og athugaðu hvort svarið á ísjakanum í lokin er rétt. Þá kemst mörgæsin á leiðarenda.



Nær mörgæsin alla leið? _____

10 Talnaveiðar

[·] Leggðu 125 við hverja tölu.

25 _____

42 _____

67 _____

56 _____

330 _____

175 _____

238 _____

450 _____

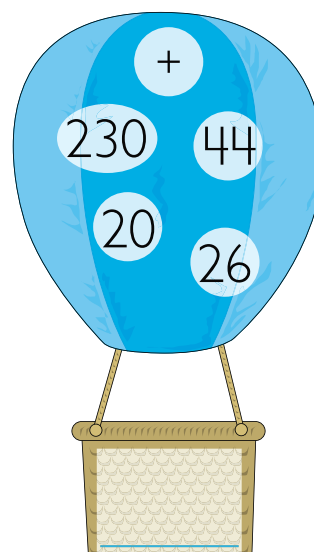
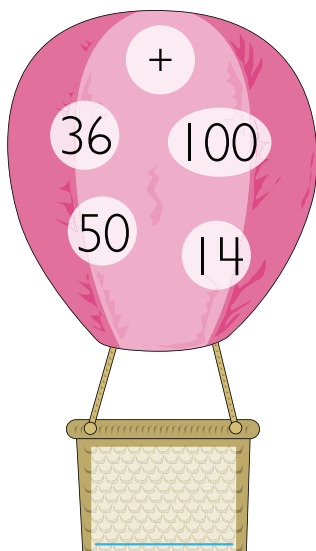
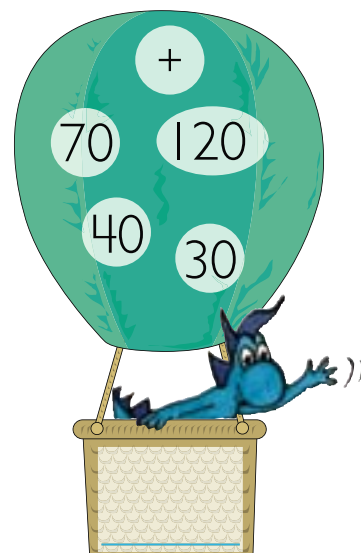
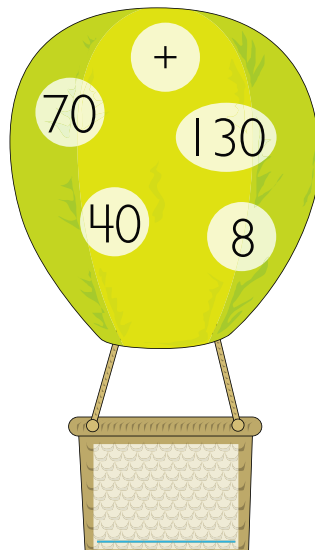
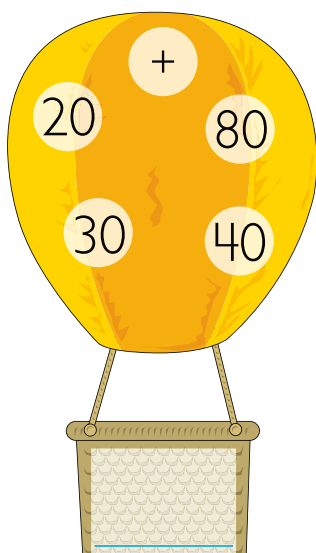
614 _____

536 _____

875 _____

768 _____

[··] Leggðu saman.



[·] Hvert er gildi hvernar myndar?

	=		=		=		=
---	---	---	---	---	---	---	---

    = 80



      = 75

   = 80

      = 75

[··] Hvert er gildi hvernar myndar?

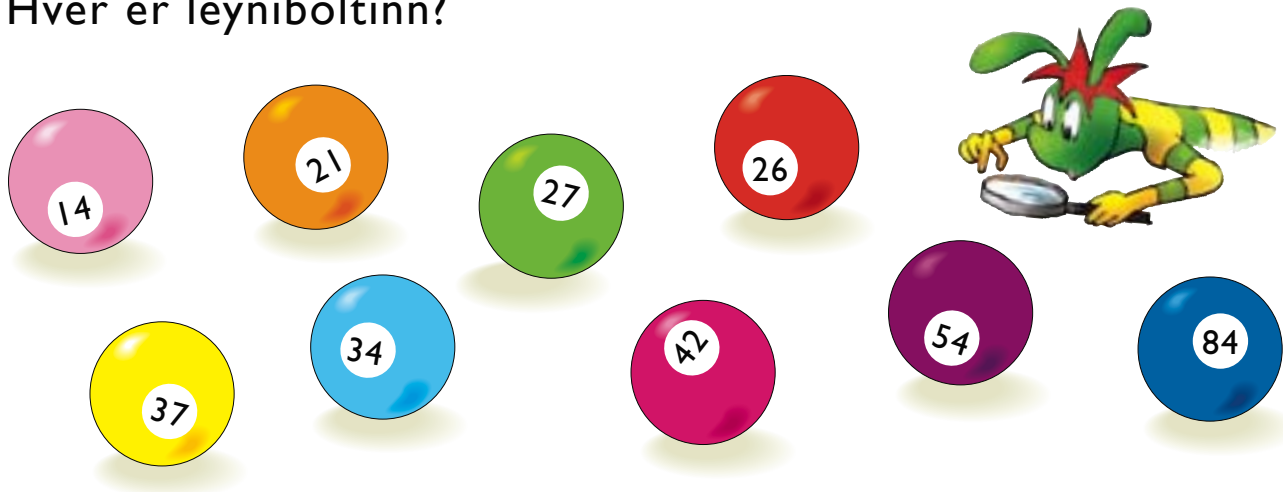
	=		=		=		=
---	---	---	---	---	---	---	---

         = 30

    = 20

         = 33

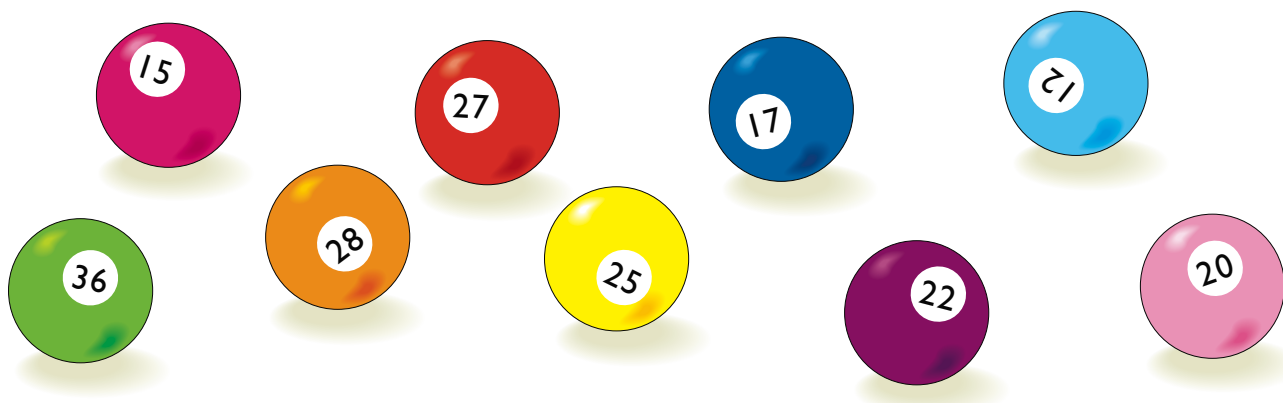
[·] Hver er leyniboltinn?



- Talan á boltanum er minni en 50.
- Talan á boltanum er slétt tala.
- Fyrri tölustafurinn í tölu boltans er tvöfalt stærri en síðari tölustafurinn.

Talan á boltanum er _____

[·] Hver er leyniboltinn?



- Talan 3 gengur upp í töluna á boltanum.
- Talan á boltanum er minni en 36.
- Talan á boltanum er slétt tala.

Talan á boltanum er _____

[·] Skrifaðu tölur í reitina.

300	-		=	40
+		-		+
100	+		=	160
=		=		=
	-	200	=	200

	+	110	=	240
+		+		+
230	+		=	
=		=		=
360	+		=	570

	+	84	=	180
+		+		+
180	+	120	=	
=		=		=
276	+		=	480

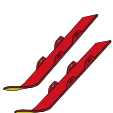
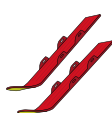
420	+		=	840
-		-		-
	+	315	=	
=		=		=
105	+		=	210

36	+		+	24	=	84
+		+		+		+
	+	12	+		=	36
+		-		-		-
	+	24	-	12	=	
=		=		=		=
60	+	12	+	24	=	96

[.] Finndu verðið.

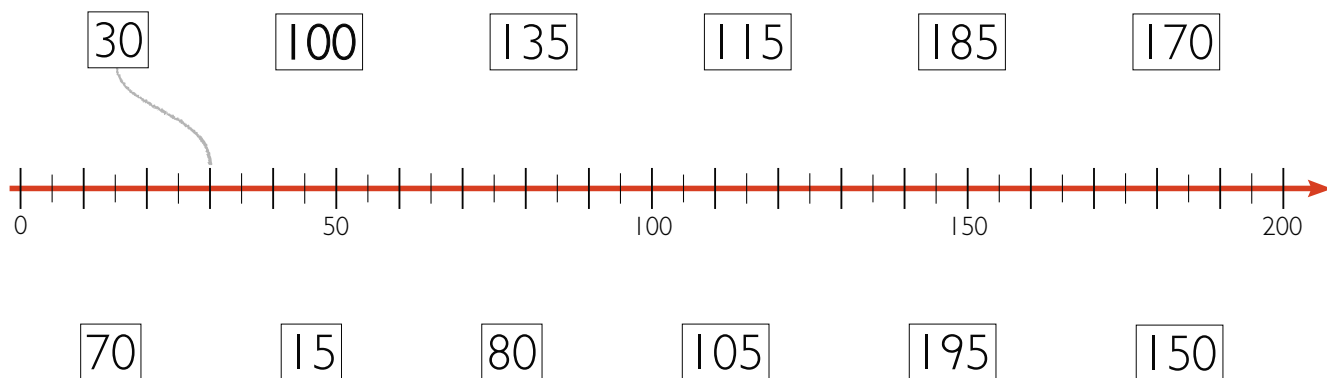
			45
			60
			40
50	45	50	
 = _____	 = _____	 = _____	

				520
				200
				520
				520
440	600	300	420	
 = _____	 = _____	 = _____	 = _____	

					950
					1000
					670
					700
					770
800	950	1000	720	620	

 = _____
 = _____
 = _____
 = _____
 = _____

[.] Dragðu strik í talnalínuna.



[..] Haltu áfram með talnarunurnar.

+10	125					
-----	-----	--	--	--	--	--

-10	352					
-----	-----	--	--	--	--	--

+100	138					
------	-----	--	--	--	--	--

-100	642					
------	-----	--	--	--	--	--

+110	120					
------	-----	--	--	--	--	--

- Nemendur draga strik frá hverri tölu í réttan stað á talnalínunni.
- Nemendur búa til talnarunur með því að leggja töluna í hringnum við eða draga hana frá hverri nýrri tölu sem skráð er í talnarununa.

[.] Dragðu strik í talnalínuna.

130

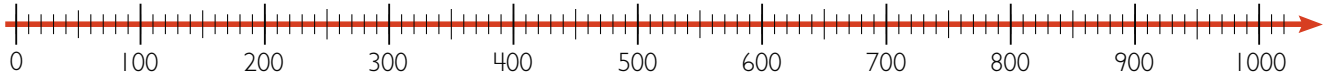
270

580

620

960

890



220

180

340

470

820

730

[..] Haltu áfram með talnarunurnar.

+20 160 180

-20 460

+150 150

-50 700

+120 370

- Nemendur draga strik frá hverri tölu í réttan stað á talnalínunni.
- Nemendur búa til talnarunur með því að leggja töluna í græna hringnum við eða draga hana frá hverri nýrri tölu í talnarununni.

[.] Raðaðu tölunum í röð. Byrjaðu á minnstu tölunni.

325 792 618 352 920 512 215

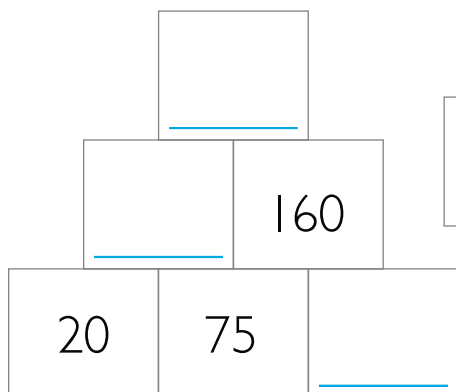
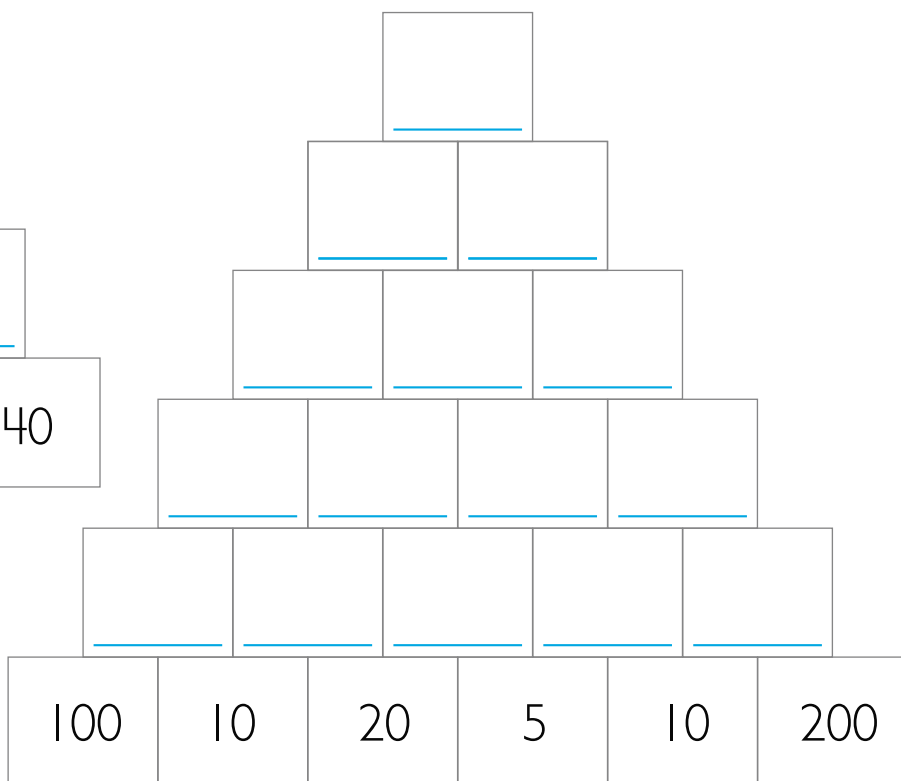
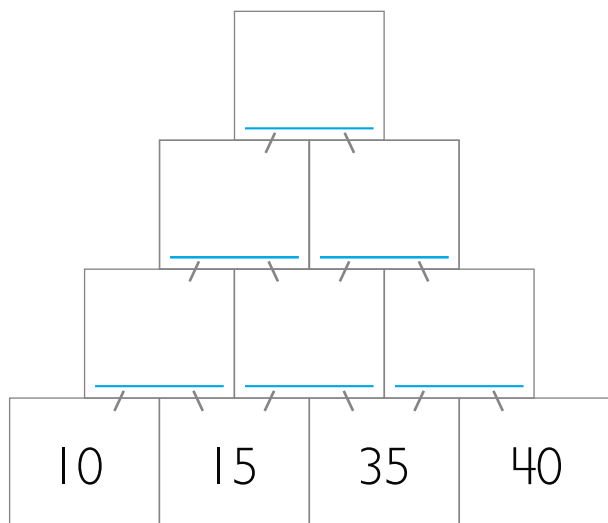
[.] Haltu áfram með talnarunurnar.

50 100 150 _____

120 140 160 _____

250 240 230 _____

[.] Leggðu saman tvær tölur hlið við hlið og skráðu summurnar.



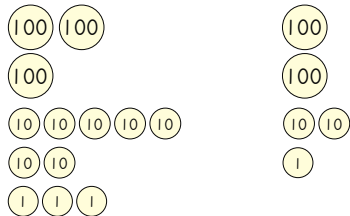
- Nemendur skrá tölurnar í stærðarröð.
- Nemendur finna um hve mikið hver ný tala í talnarununum stækkar eða minnkar og skrá næstu fjórar tölur í talnarununum.
- Nemendur fylla út í tómu reitina með því að finna summu tveggja talna, sem eru hlið við hlið, og skrá hana í reitinn fyrir ofan.



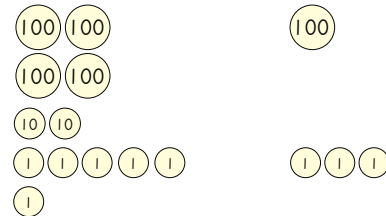
Samlagning og frádráttur

[·] Reiknaðu dæmin.

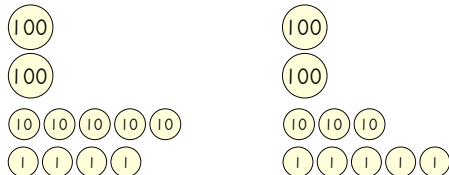
$$373 + 221 = \underline{\hspace{2cm}}$$



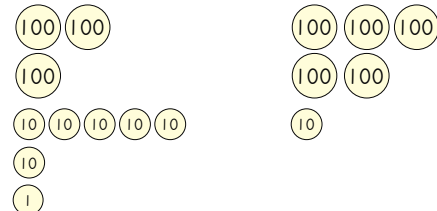
$$426 + 103 = \underline{\hspace{2cm}}$$



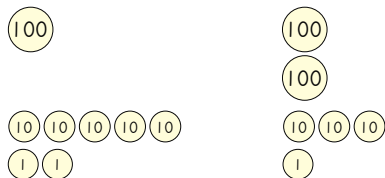
$$254 + 235 = \underline{\hspace{2cm}}$$



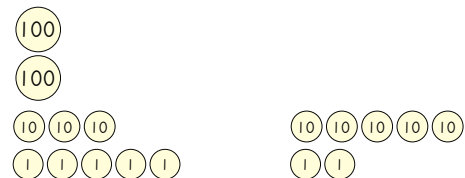
$$361 + 510 = \underline{\hspace{2cm}}$$



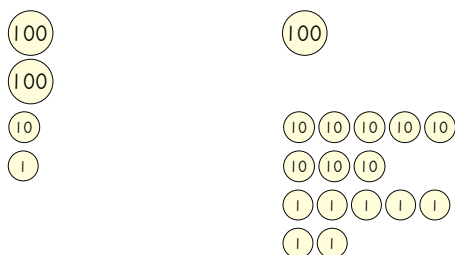
$$152 + 231 = \underline{\hspace{2cm}}$$



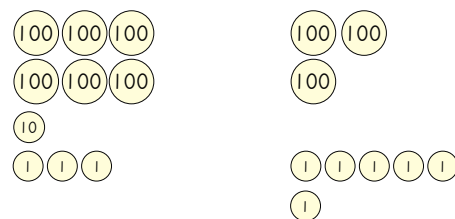
$$235 + 52 = \underline{\hspace{2cm}}$$



$$211 + 187 = \underline{\hspace{2cm}}$$



$$613 + 306 = \underline{\hspace{2cm}}$$



[.] Reiknaðu dæmin.

		7	3	5
+		1	5	4

		4	9	7
+		5	0	2

		6	8	5
+		2	1	3

		6	3	2	4	5
+		2	4	3	5	2

		7	2	3	6	6
+		2	5	5	2	3

		8	4	2	9	3
+		1	3	2	0	6

		6	5	9
+		3	3	0

		7	7	8
+		1	2	0

		5	4	7
+		3	5	2

		4	2	3	2	7
+		2	6	3	7	1

		3	5	7	8	5
+		6	4	2	1	4

[·] Reiknaðu dæmin.

	6	7	3
+	2	4	1

	6	5	9
+	2	3	5

	7	5	2
+	2	3	1

	4	8	7
+	3	2	5

	3	6	9
+	5	6	7

	4	9	4
+	3	8	2

	3	5	9
+	5	4	7

	6	8	7
+	1	2	3

	3	5	4
+	5	4	3

	6	2	5
+	2	9	3

	1	6	5
+	7	4	4

	7	4	8
+	2	3	4

	3	7	4
+	5	4	3

	2	8	7
+	5	2	7

	3	9	8
+	4	3	6

	8	4	7
+	1	3	2

	5	9	7
+	3	8	2

	5	8	7
+	1	4	2

	4	8	9
+	4	3	7

	2	3	6
+	7	1	5

[.] Hvað er afgangs?

Ég á:



Ég kaupi:

150 kr.



$$290 \text{ kr.} - 150 \text{ kr.} = \underline{\hspace{2cm}} \text{ kr.}$$

Ég á:



Ég kaupi:

250 kr.



$$570 \text{ kr.} - 250 \text{ kr.} = \underline{\hspace{2cm}} \text{ kr.}$$

Ég á:



Ég kaupi:

170 kr.



$$380 \text{ kr.} - 170 \text{ kr.} = \underline{\hspace{2cm}} \text{ kr.}$$

Ég á:



Ég kaupi:

230 kr.



$$450 \text{ kr.} - 230 \text{ kr.} = \underline{\hspace{2cm}} \text{ kr.}$$

Ég á:



Ég kaupi:

620 kr.



$$860 \text{ kr.} - 620 \text{ kr.} = \underline{\hspace{2cm}} \text{ kr.}$$

[·] Reiknaðu dæmin.

	3	2	7
-	1	1	5

	7	1	9
-	2	0	4

	6	4	7
-	1	3	2

	7	4	9
-	1	2	0

	4	4	6
-	1	2	2

	5	3	4
-	2	1	4

	6	7	5
-	2	5	4

	4	7	8
-	2	1	6

	3	8	5
-	2	6	4

	4	3	5
-	1	3	4

	6	7	5
-	1	2	3

	7	5	6
-	1	4	3

	7	5	8
-	1	2	1

	6	7	9
-	3	2	0

	5	8	5
-	4	1	2

	8	8	7
-	1	1	7

	5	7	5
-	2	0	3

	8	7	8
-	1	5	7

	6	5	5
-	3	2	5

	7	6	4
-	3	5	1

[.] Reiknaðu dæmin. Þá sérðu hvað Skrípó segir.



	6	3	5	
-	3	4	1	
				L

	4	7	0	
-	2	6	4	
				N

	5	4	1	
-	2	2	3	
				E

	3	7	2	
-	1	9	2	
				E

	4	3	8	
-	1	5	4	
				E

	6	2	8	
-	2	5	7	
				U

	6	7	3	
-	4	1	8	
				P

	4	5	8	
-	3	5	0	
				R

	2	8	3	
-	1	0	9	
				T

	7	8	1	
-	6	2	8	
				T

	6	0	8	
-	3	0	2	
				A

	7	3	5	
-	1	8	4	
				V

	5	3	8	
-	2	3	4	
				G

	2	9	5	
-	2	3	6	
				G

255	180	174	153	306

304	284	206	59	371	108

551	318	294

☺

[·] Hvaða tölustafir eiga að vera í lituðu reitunum?

	1		6
+	2	4	
		7	7

		5	8
+	3		2
	7	7	

	3	5	
+	1	6	2
			8

	4	3	
+			2
9	6	1	

	6		5
+	2	6	
		7	5

	5		4
+		7	
	6	0	4

	8		
+		6	5
	9	7	4

	4	2	
+	2		9
		2	5

	4	3	8
-		1	
	2		1

	4	6	
-	1		8
		3	1

	9	1	
-	2		9
		0	5

		3	8
-	3		7
	5	2	

	7		2
-	2	1	5
		1	

	4	2	
-	1		3
		0	7

	5		
-	4	2	2
		7	8

	3	7	
-		6	3
			9

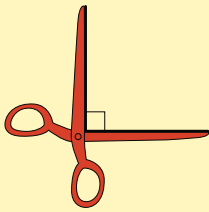


- Nemendur kanna hvaða tölustafi vantar í tölurnar svo að dæmin verði rétt. Þeir skrifa tölustafina og reikna síðan dæmin. Við dæminu lengst til hægri í neðstu röðinni eru fleiri en ein lausn.

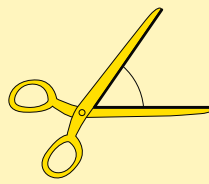
12 Rúmfræði



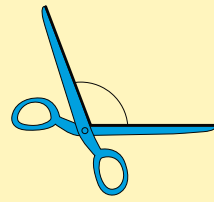
[·] Litaðu skærin.



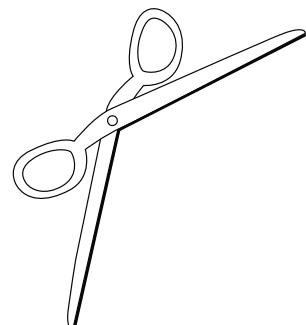
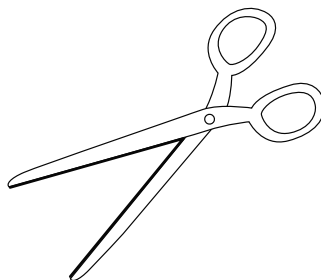
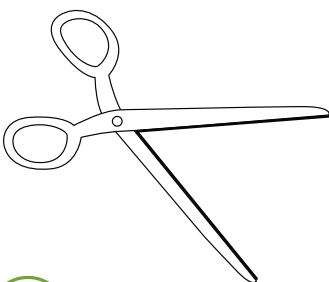
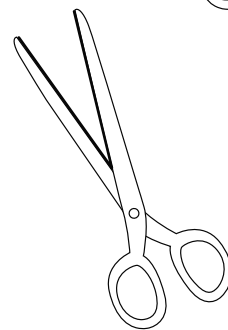
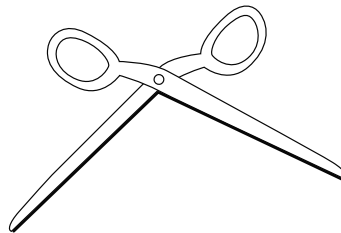
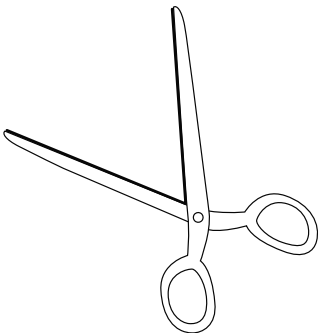
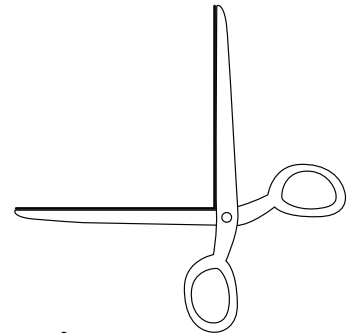
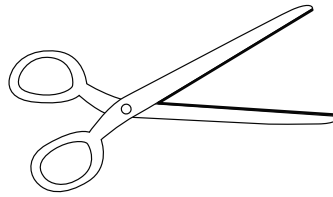
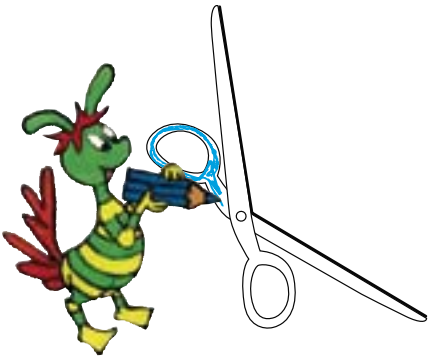
Rétt horn, 90°



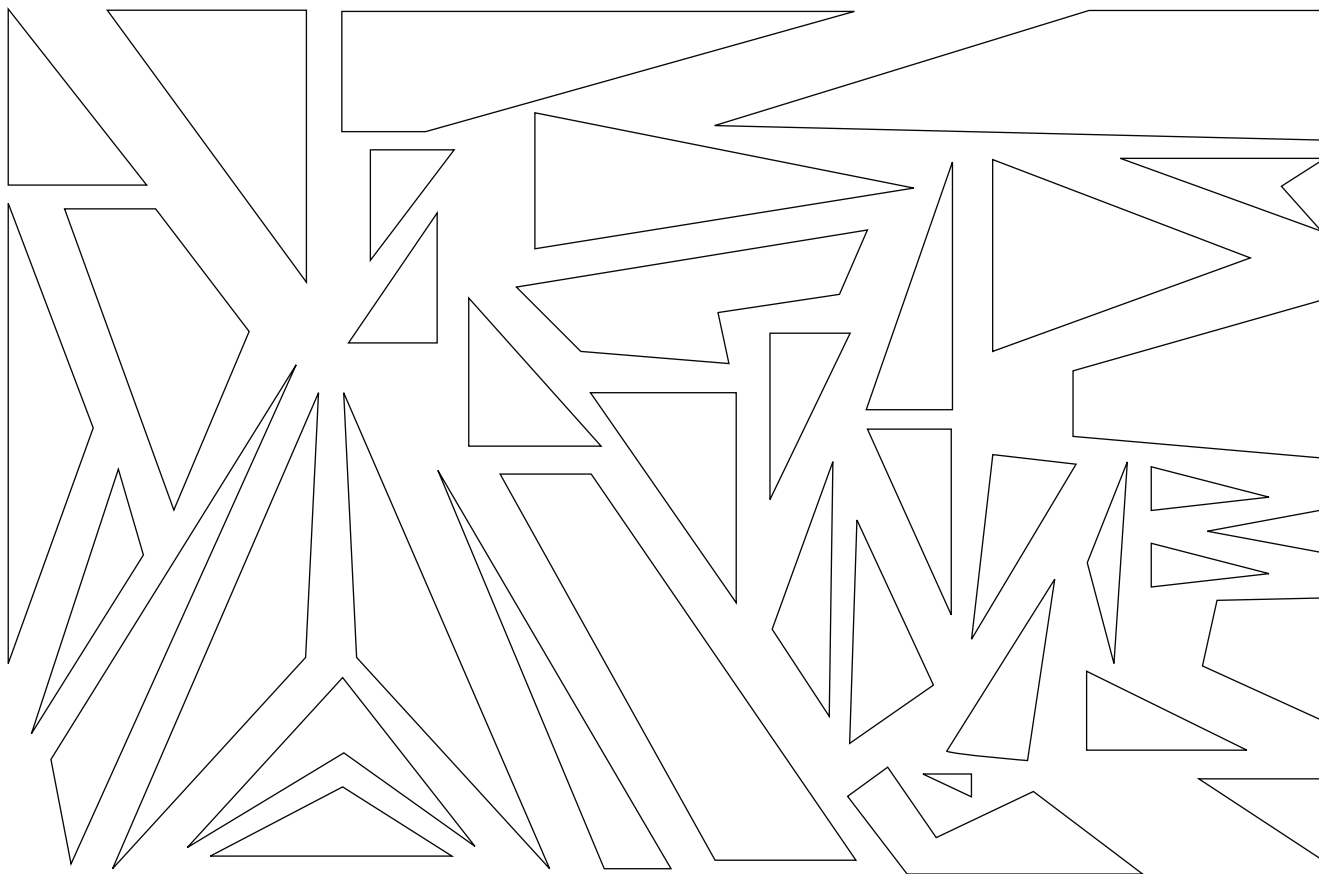
Hvasst horn,
minna en 90°



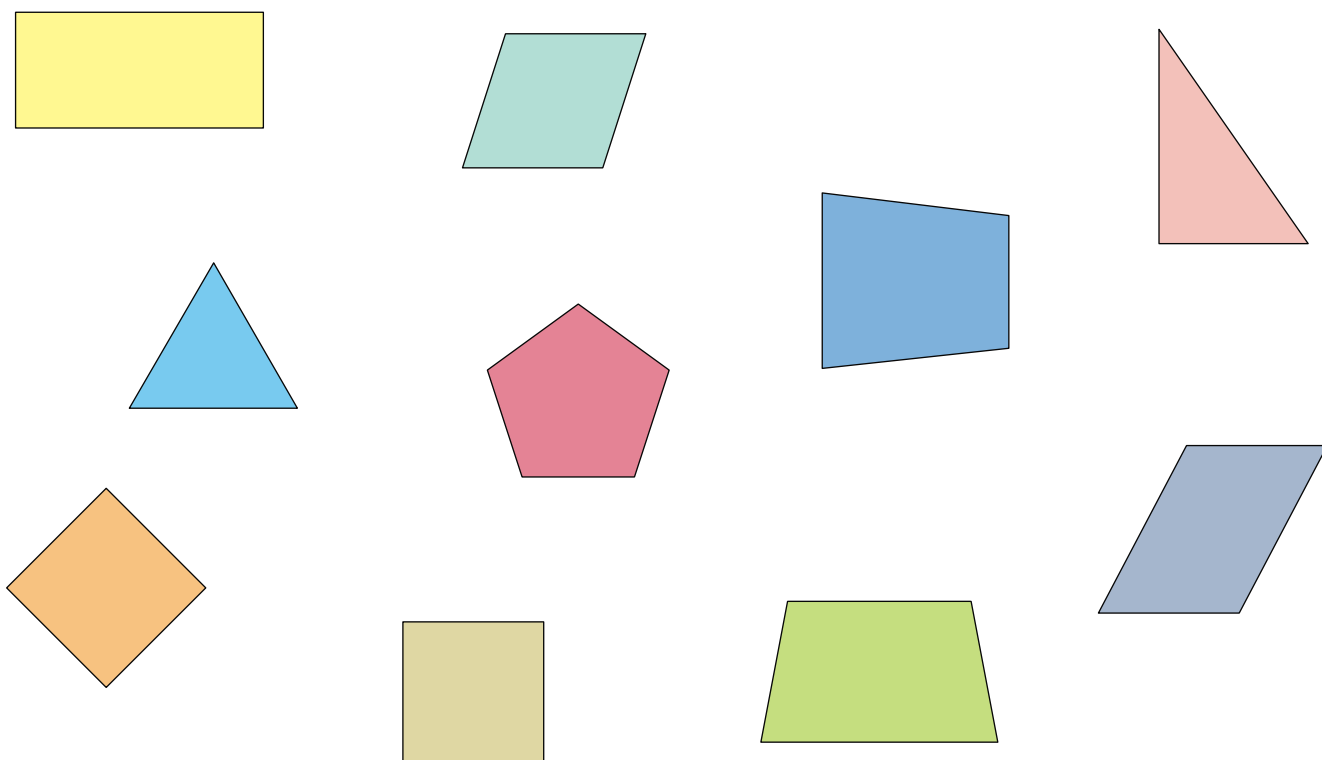
Gleitt horn,
stærri en 90°



[.] Litaðu þríhyrninga sem hafa rétt horn.

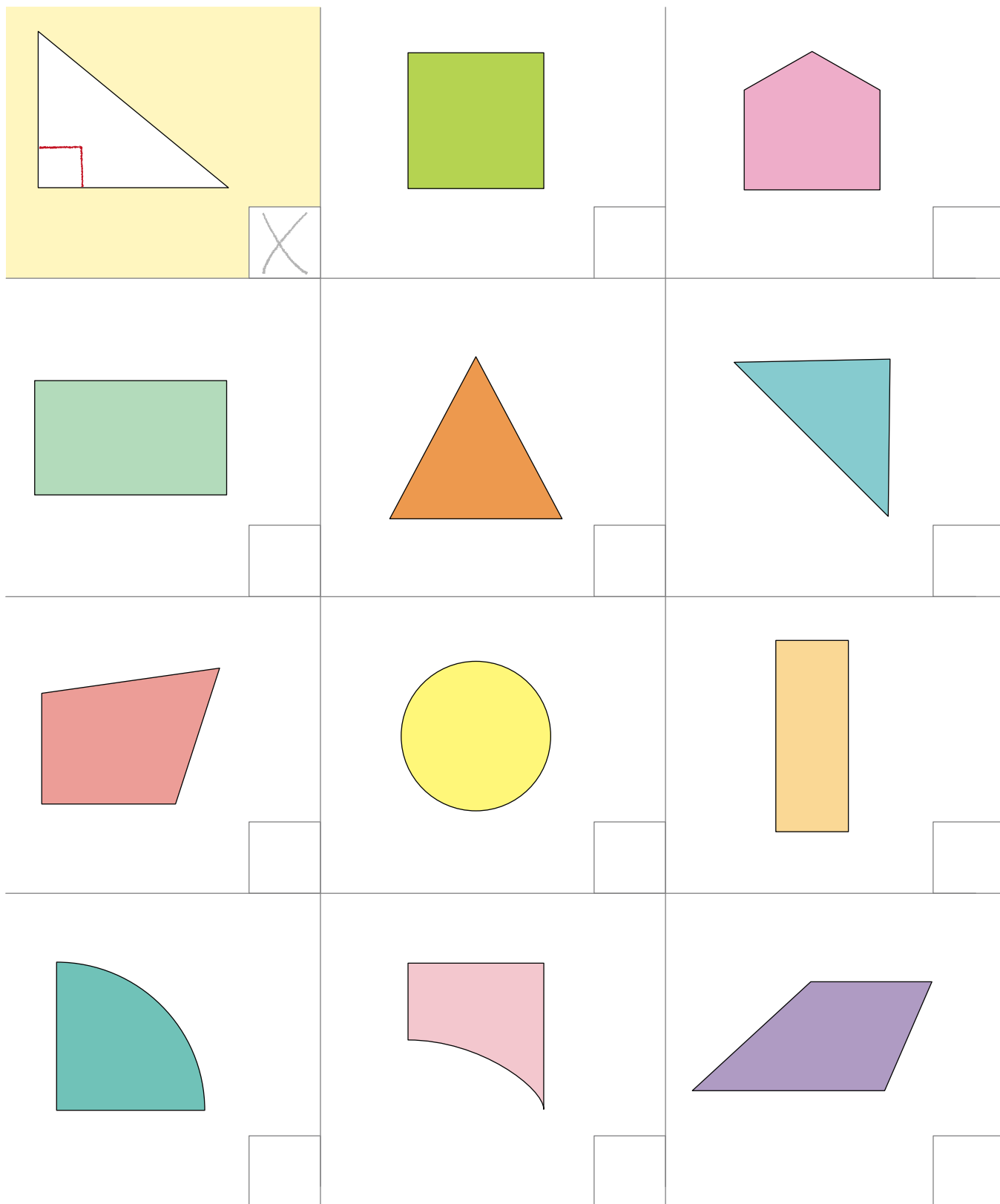


[.] Dragðu hring um myndirnar þar sem allar hliðar eru jafn langar.

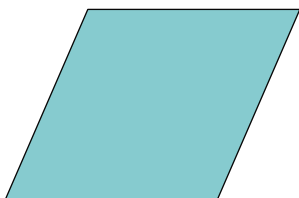
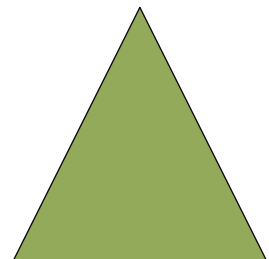
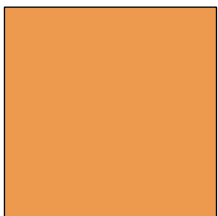
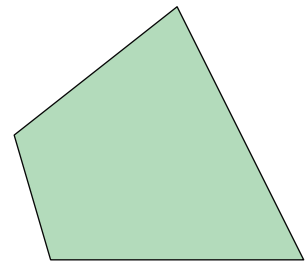
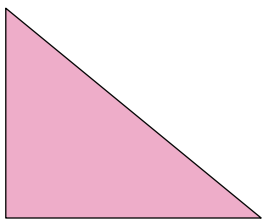
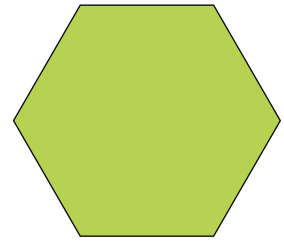
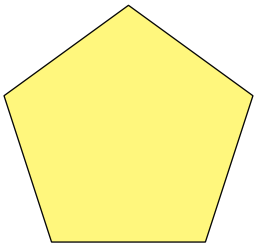


- Nemendur finna þríhyrningana sem eru með rétt horn og lita þá.
- Nemendur mæla lengdir hliðanna og draga hring um myndirnar þar sem allar hliðar eru jafn langar.

[·] Krossaðu við myndir þar sem eru rétt horn.
 Merktu öll réttu hornin.



[.] Dragðu strik frá formunum í rétt heiti.



ferningur

rétthyrndur
þríhyrningur

fimmhyrningur
samsíðungur

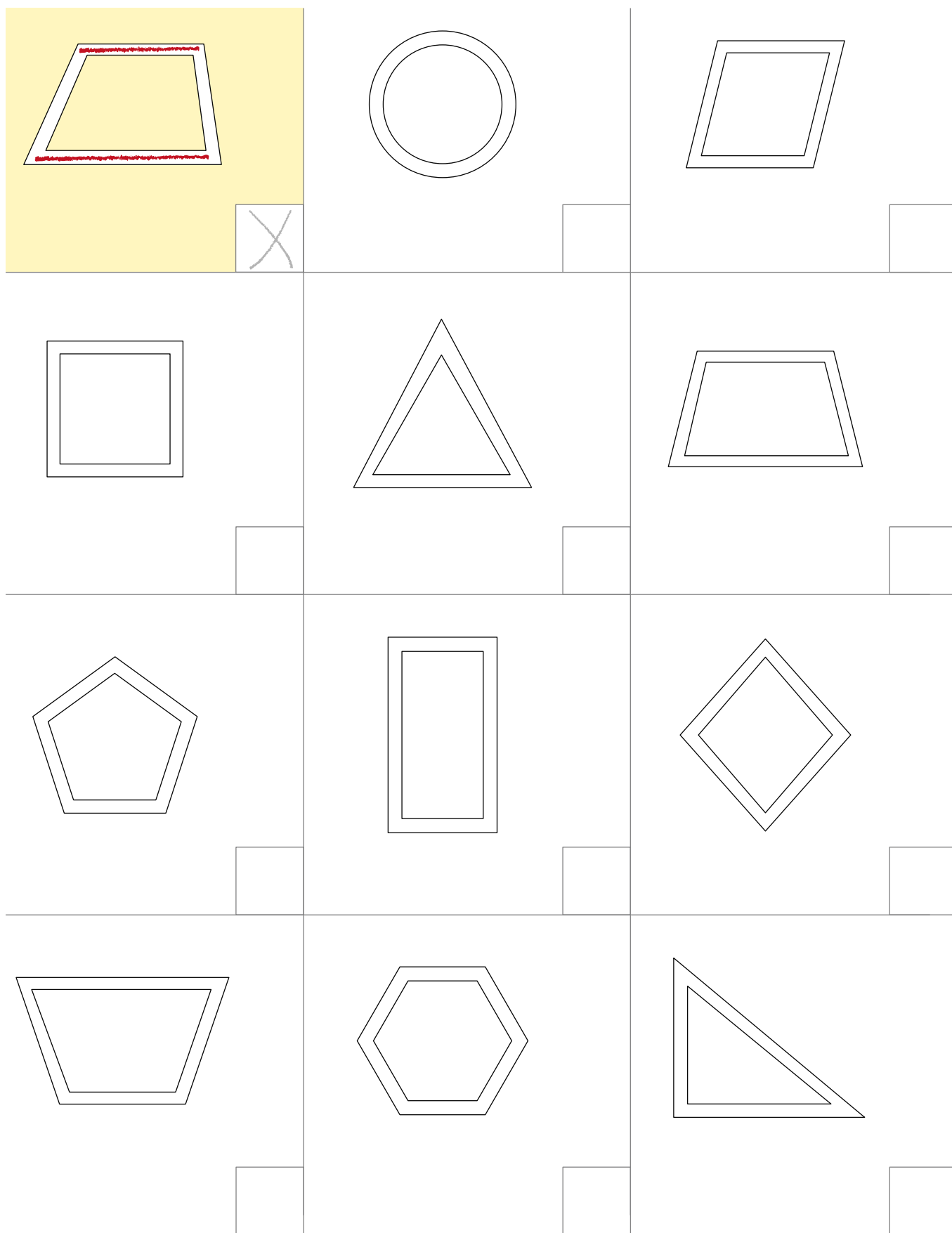
rétthyrningur

þríhyrningur

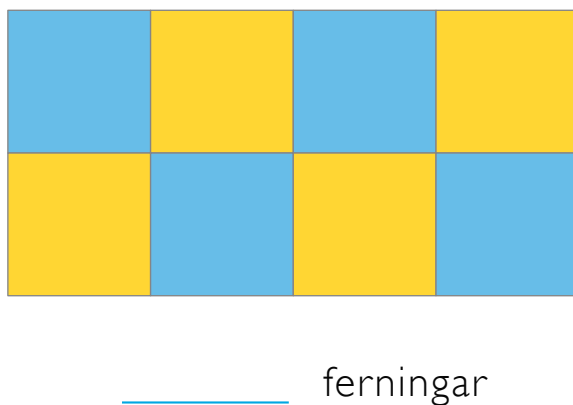
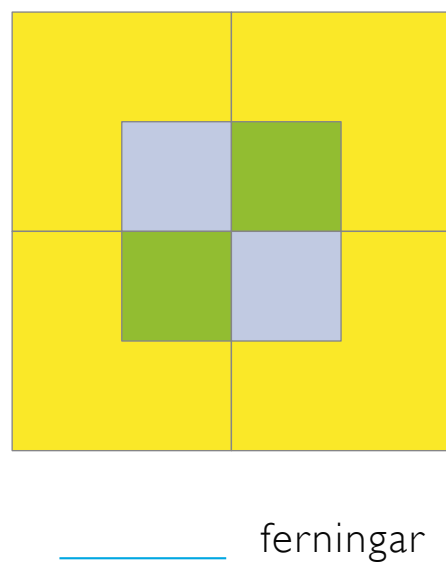
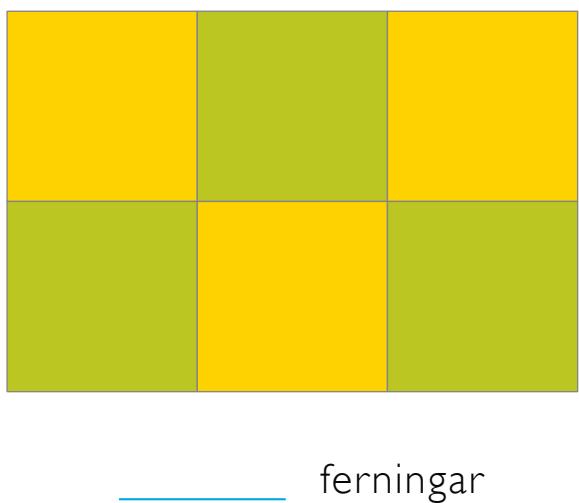
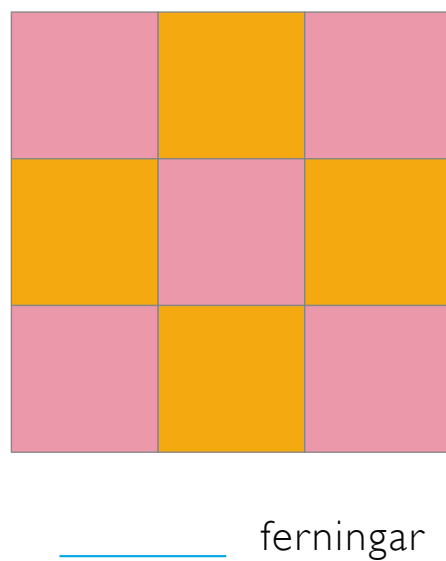
sexhyrningur

ferhyrningur

[.] Krossaðu við myndirnar sem hafa samsíða línur.
Litaðu línurnar sem eru samsíða.



[.] Hve margir feringar?



13 Almenn brot

[.] Skiptu pitsunni jafnt milli krakkanna.



Stærð hvers hluta

$$\frac{1}{3}$$



$$\frac{1}{4}$$

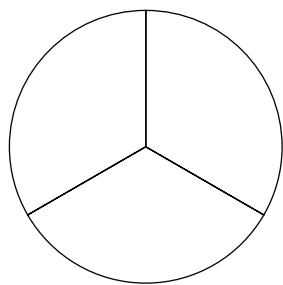


$$\frac{1}{8}$$

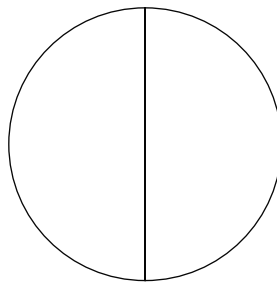


$$\frac{1}{6}$$

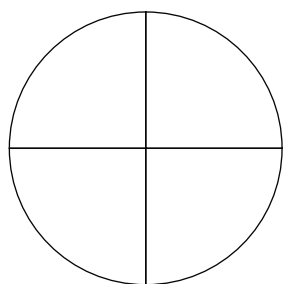
[·] Litaðu.



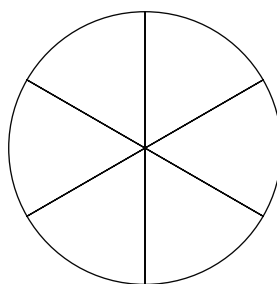
$$\frac{1}{3}$$



$$\frac{1}{2}$$

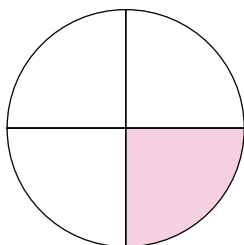


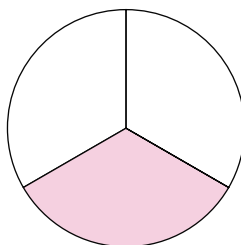
$$\frac{1}{4}$$

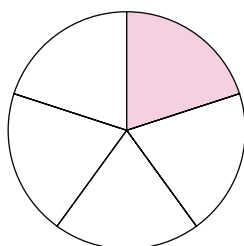


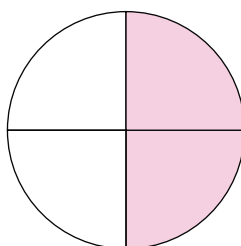
$$\frac{1}{6}$$

[··] Hve stór hluti er litaður?



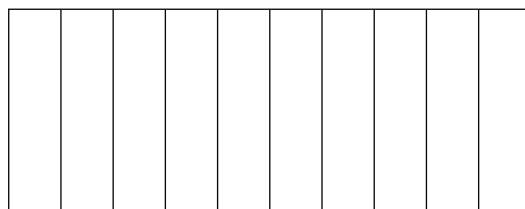
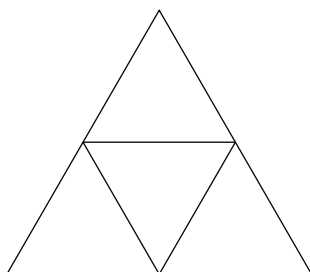
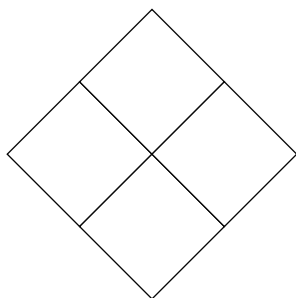
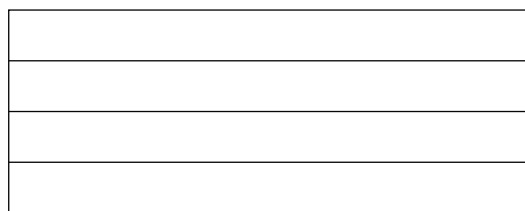
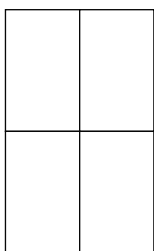
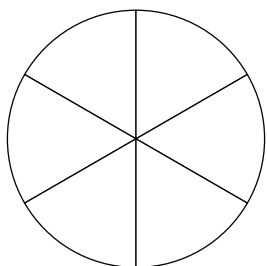
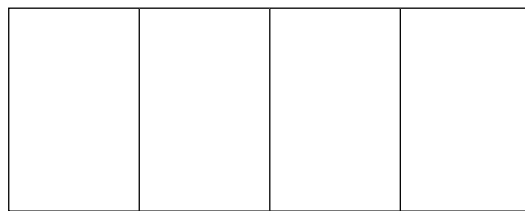
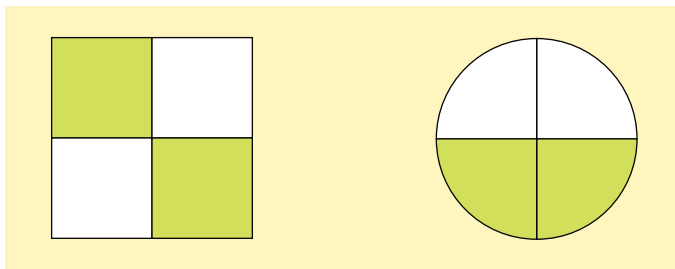




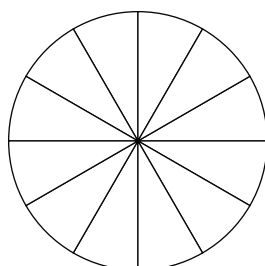
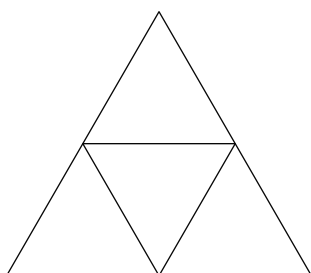
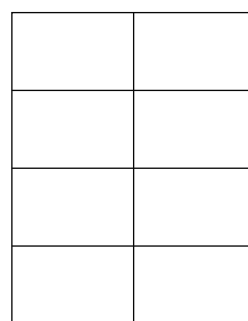
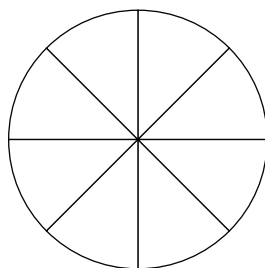
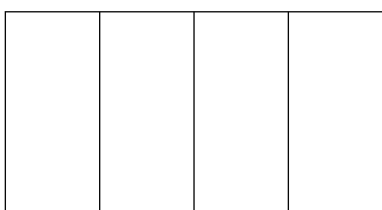


- Nemendur lita þann hluta af myndunum sem gefinn er upp.
- Nemendur skrifa hve stór hluti af hverri mynd er litaður.

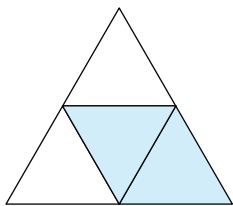
[·] Litaðu helminginn ($\frac{1}{2}$).

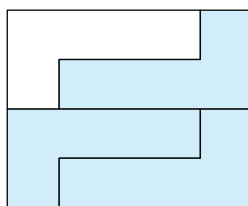


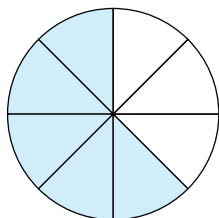
[··] Litaðu einn fjórða hluta ($\frac{1}{4}$).

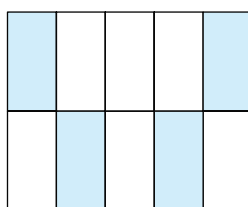


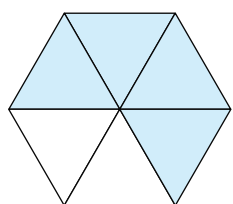
[.] Hve stór hluti er litaður?

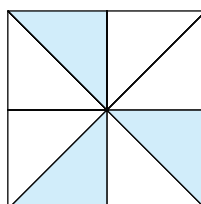




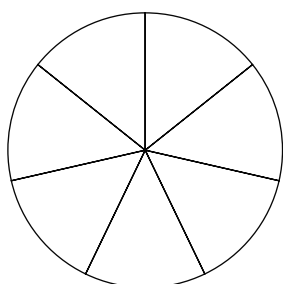




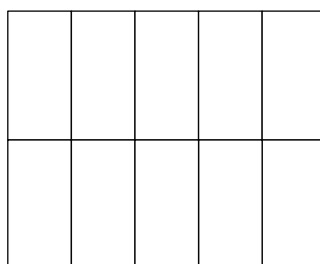




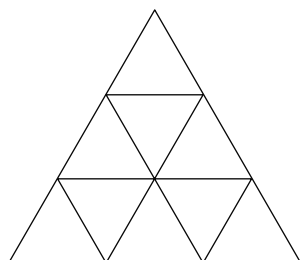
[.] Litaðu.



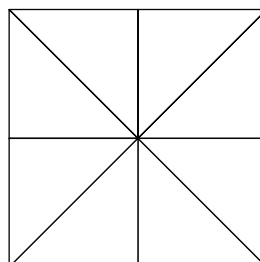
$\frac{3}{7}$



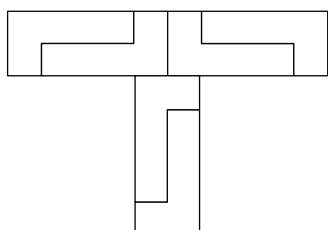
$\frac{2}{10}$



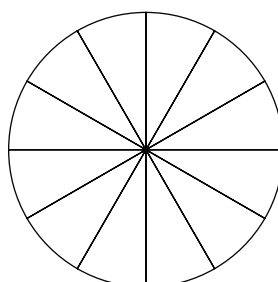
$\frac{5}{9}$



$\frac{7}{8}$



$\frac{5}{6}$



$\frac{3}{12}$

- Nemendur skrá með almennu broti hve stór hluti er litaður af hverri mynd.
- Nemendur lita þann hluta af myndunum sem almennu brotin segja til um.

[·] Litaðu húfurnar. Skráðu fjöldann.



$$\frac{1}{2}$$

_____ húfur



$$\frac{1}{4}$$

_____ húfur



$$\frac{1}{3}$$

_____ húfur



$$\frac{2}{3}$$

_____ húfur



$$\frac{1}{4}$$

_____ húfur



$$\frac{3}{4}$$

_____ húfur



$$\frac{1}{6}$$

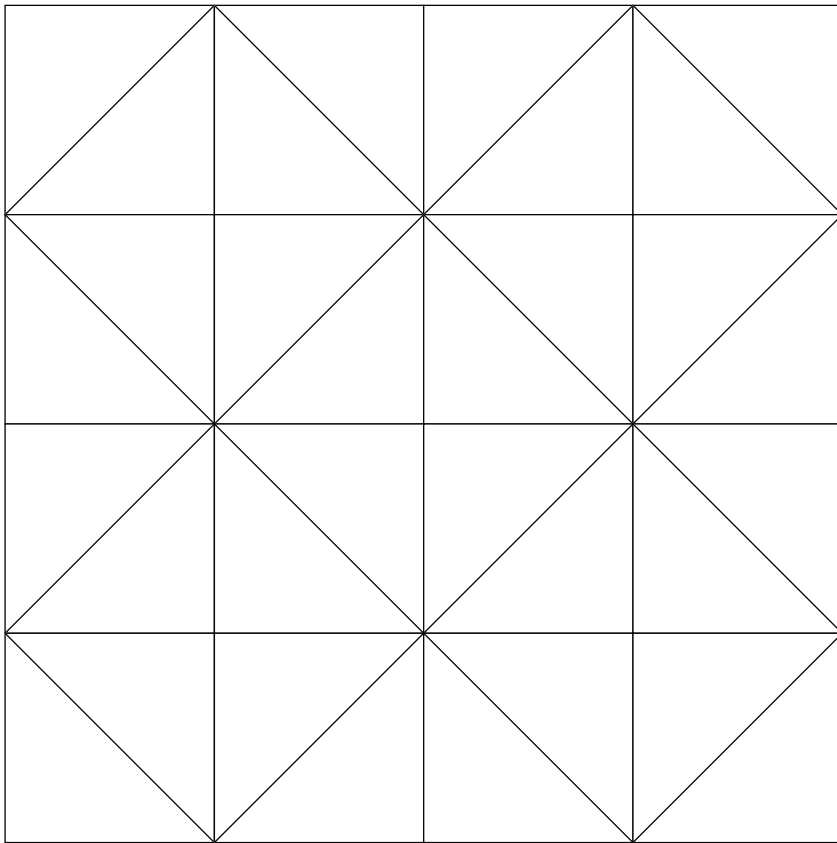
_____ húfur



$$\frac{2}{6}$$

_____ húfur

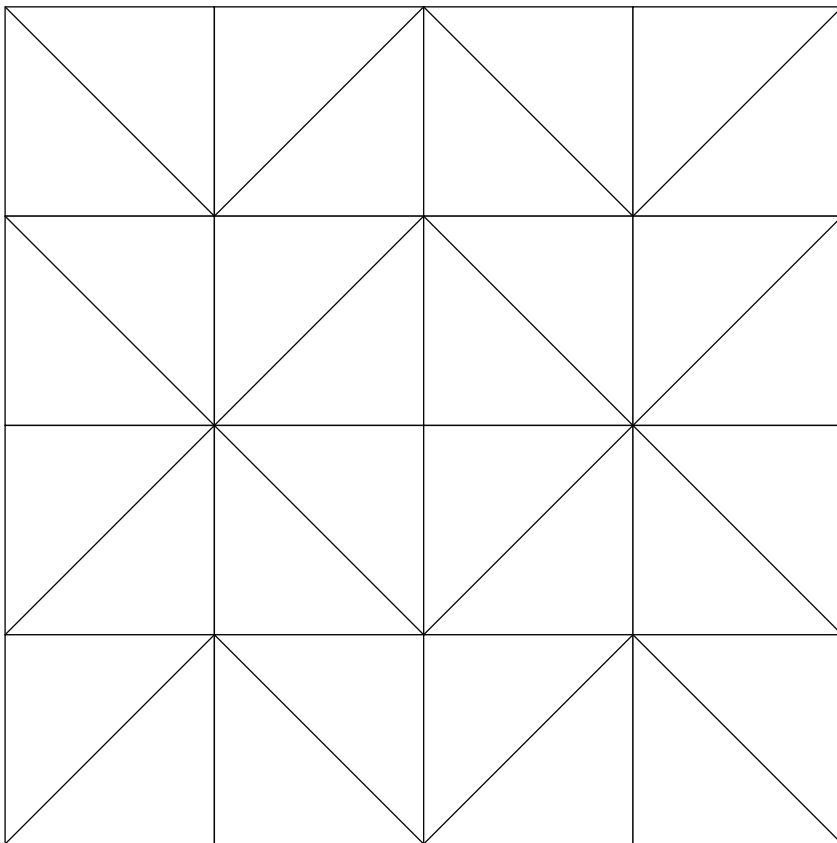
[·] Litaðu mynstur.



$\frac{1}{4}$ af reitunum
á að vera gulur.

$\frac{1}{4}$ af reitunum
á að vera rauður.

$\frac{1}{2}$ af reitunum
á að vera grænn.



$\frac{1}{4}$ af reitunum
á að vera blár.

$\frac{1}{4}$ af reitunum
á að vera grænn.

$\frac{1}{4}$ af reitunum
á að vera rauður.

$\frac{1}{4}$ af reitunum
á að vera gulur.

14 Margföldun 2

[.] Hvað eru kertin mörg?



$$3 + 3 + 3 + 3 = \underline{\quad} \cdot 3 = \underline{\quad}$$



$$\underline{\quad} + \underline{\quad} = \underline{\quad} \cdot 3 = \underline{\quad}$$



$$\underline{\quad} + \underline{\quad} + \underline{\quad} = \underline{\quad} \cdot 3 = \underline{\quad}$$



$$\underline{\quad} + \underline{\quad} + \underline{\quad} + \underline{\quad} + \underline{\quad} = \underline{\quad} \cdot 3 = \underline{\quad}$$



$$\underline{\quad} + \underline{\quad} + \underline{\quad} + \underline{\quad} + \underline{\quad} + \underline{\quad} = \underline{\quad} \cdot 3 = \underline{\quad}$$



$$\underline{\quad} + \underline{\quad} + \underline{\quad} + \underline{\quad} + \underline{\quad} + \underline{\quad} + \underline{\quad} = \underline{\quad} \cdot 3 = \underline{\quad}$$

[.] Hve margir eru fæturnir?



$$\underline{\quad} + \underline{\quad} + \underline{\quad} + \underline{\quad} = \underline{\quad} \cdot \underline{\quad} = \underline{\quad}$$



$$\underline{\quad} + \underline{\quad} + \underline{\quad} + \underline{\quad} + \underline{\quad} = \underline{\quad} \cdot \underline{\quad} = \underline{\quad}$$

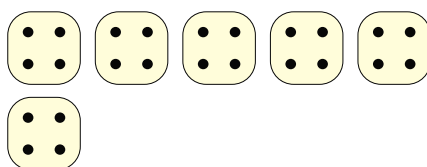


$$\underline{\quad} + \underline{\quad} + \underline{\quad} + \underline{\quad} + \underline{\quad} + \underline{\quad} = \underline{\quad} \cdot \underline{\quad} = \underline{\quad}$$

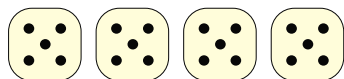
[.] Hve margir deplar eru á teningunum?



$$\underline{\hspace{2cm}} \cdot 3 = \underline{\hspace{2cm}}$$



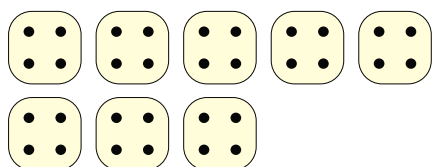
$$\underline{\hspace{2cm}} \cdot 4 = \underline{\hspace{2cm}}$$



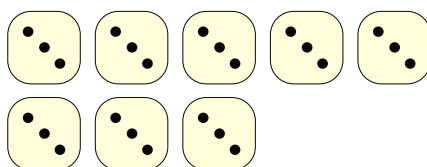
$$\underline{\hspace{2cm}} \cdot 5 = \underline{\hspace{2cm}}$$



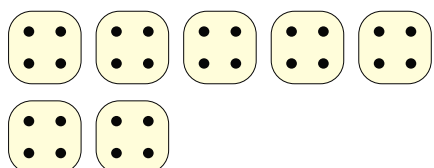
$$\underline{\hspace{2cm}} \cdot 6 = \underline{\hspace{2cm}}$$



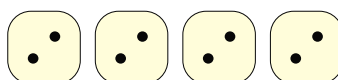
$$\underline{\hspace{2cm}} \cdot 4 = \underline{\hspace{2cm}}$$



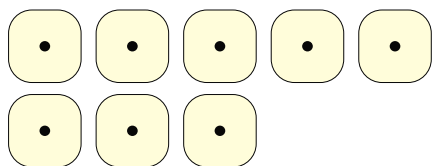
$$\underline{\hspace{2cm}} \cdot 3 = \underline{\hspace{2cm}}$$



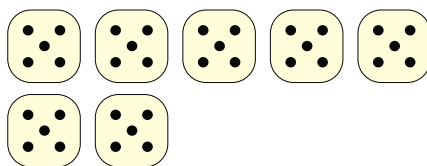
$$\underline{\hspace{2cm}} \cdot 4 = \underline{\hspace{2cm}}$$



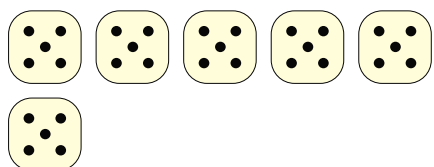
$$\underline{\hspace{2cm}} \cdot 2 = \underline{\hspace{2cm}}$$



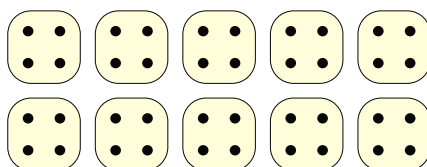
$$\underline{\hspace{2cm}} \cdot 1 = \underline{\hspace{2cm}}$$



$$\underline{\hspace{2cm}} \cdot 5 = \underline{\hspace{2cm}}$$

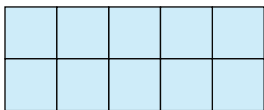


$$\underline{\hspace{2cm}} \cdot 5 = \underline{\hspace{2cm}}$$

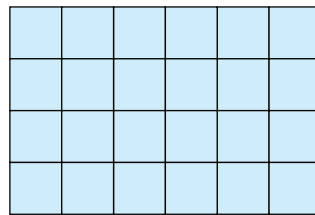


$$\underline{\hspace{2cm}} \cdot 4 = \underline{\hspace{2cm}}$$

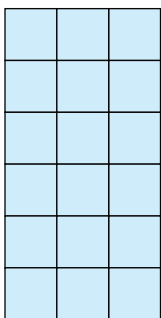
[.] Hve margir eru reitirnir? Búðu til dæmi.



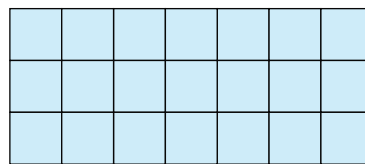
$$5 \cdot 2 = \underline{\hspace{2cm}}$$



$$\underline{\hspace{2cm}} \cdot \underline{\hspace{2cm}} = \underline{\hspace{2cm}}$$



$$\underline{\hspace{2cm}} \cdot \underline{\hspace{2cm}} = \underline{\hspace{2cm}}$$



$$\underline{\hspace{2cm}} \cdot \underline{\hspace{2cm}} = \underline{\hspace{2cm}}$$

[.] Hvað eru flöskurnar margar?



$$\underline{\hspace{2cm}} \cdot \underline{\hspace{2cm}} = \underline{\hspace{2cm}}$$



$$\underline{\hspace{2cm}} \cdot \underline{\hspace{2cm}} = \underline{\hspace{2cm}}$$



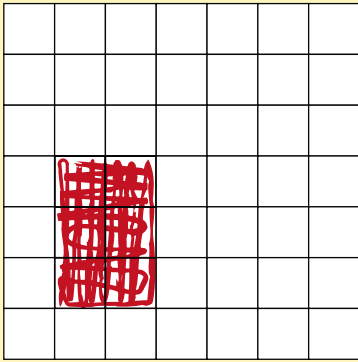
$$\underline{\hspace{2cm}} \cdot \underline{\hspace{2cm}} = \underline{\hspace{2cm}}$$



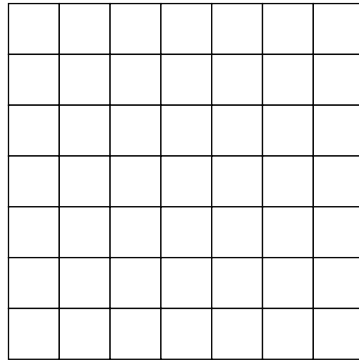
$$\underline{\hspace{2cm}} \cdot \underline{\hspace{2cm}} = \underline{\hspace{2cm}}$$

- Nemendur finna hvað reitirnir eru margir í rúðunetunum og skrá það sem margföldunardæmi.
- Nemendur finna hvað gosflöskurnar eru margar miðað við að 6 flöskur séu í hverjum kassa og skrá það sem margföldunardæmi.

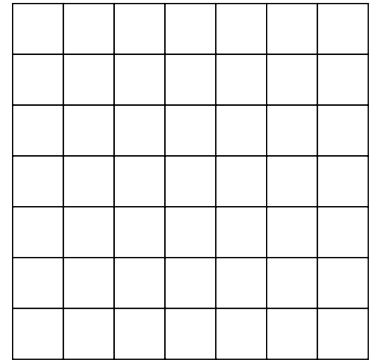
[.] Litaðu reiti og búðu til rétthyrninga.



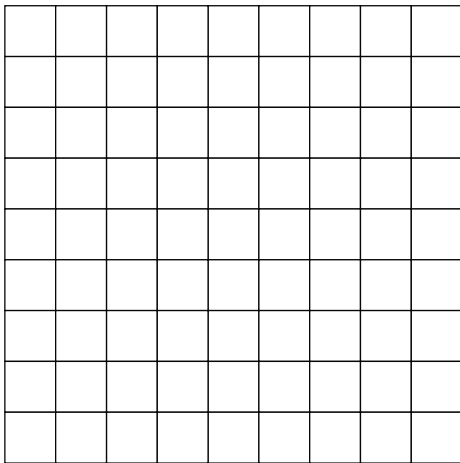
$$2 \cdot 3 = \underline{6}$$



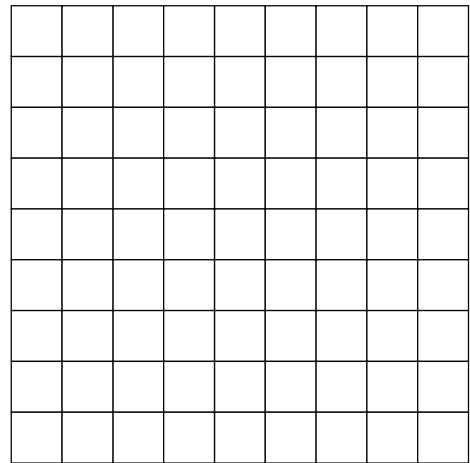
$$2 \cdot 5 = \underline{\hspace{2cm}}$$



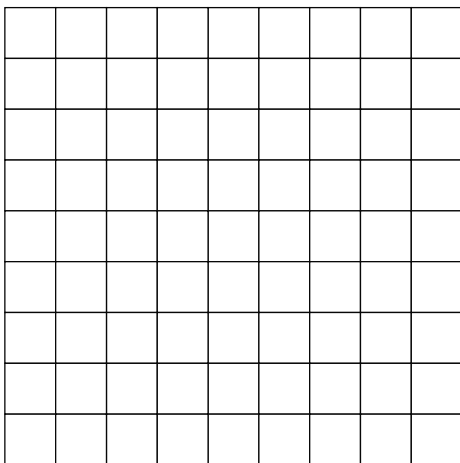
$$3 \cdot 4 = \underline{\hspace{2cm}}$$



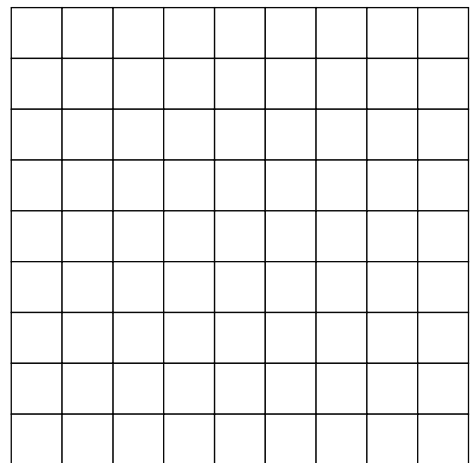
$$3 \cdot 7 = \underline{\hspace{2cm}}$$



$$6 \cdot 6 = \underline{\hspace{2cm}}$$



$$7 \cdot 4 = \underline{\hspace{2cm}}$$

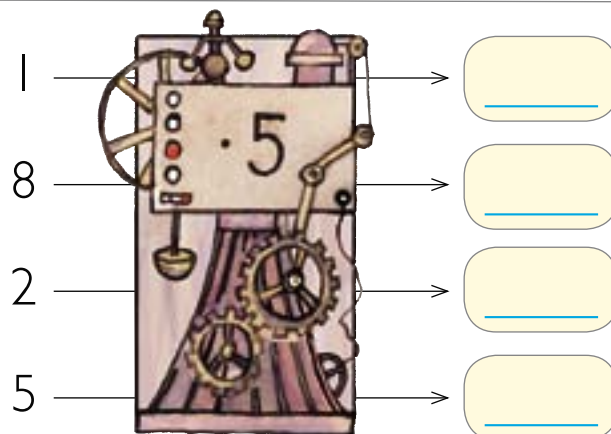
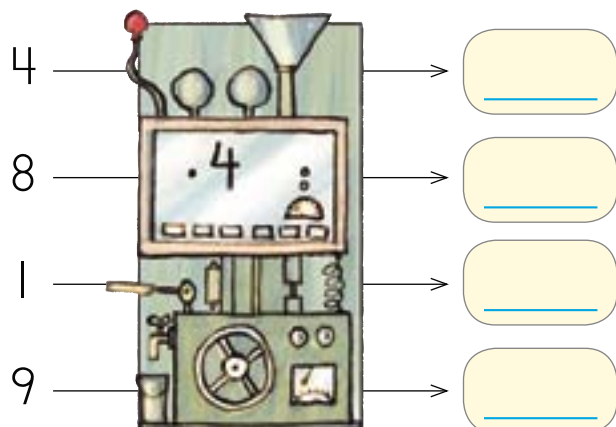
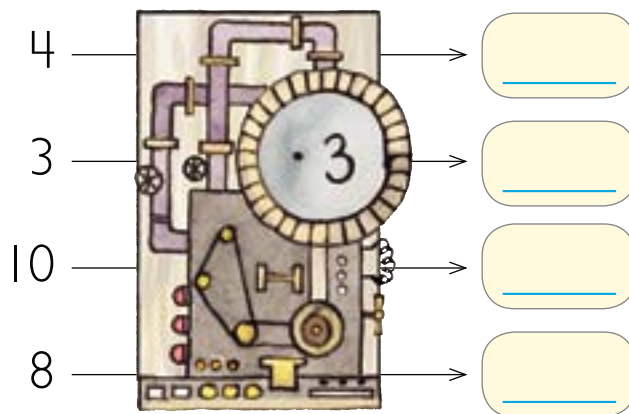
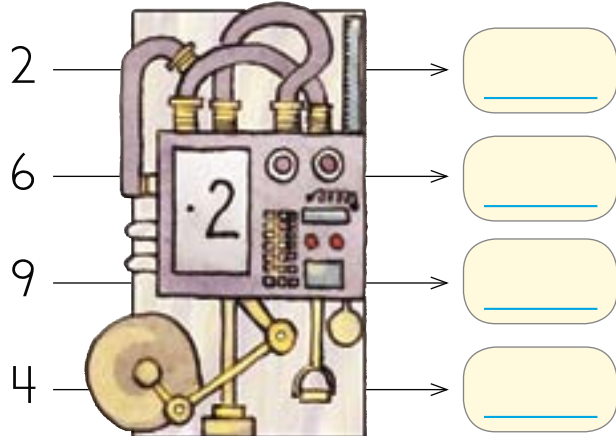


$$7 \cdot 5 = \underline{\hspace{2cm}}$$

[·] Reiknaðu og skrifaðu svörin í margföldunartöflunum.

•	1	2	3	4	5	6	7	8	9	10
1										
2										
3										
4										
5										

[··] Reiknaðu.



- Nemendur fylla margföldunartöflurnar út með því að margfalda saman tölurnar á jöðrunum.
- Nemendur margfalda tölurnar vinstra megin við vélarnar með tölunum á vélunum. Síðan skrifa þeir svörin í reitina til hægri.

[·] Fylltu í eyðurnar.

$$\underline{\hspace{1cm}} \cdot 3 = 12$$

$$\underline{\hspace{1cm}} \cdot 5 = 10$$

$$\underline{\hspace{1cm}} \cdot 2 = 18$$

$$\underline{\hspace{1cm}} \cdot 3 = 15$$

$$4 \cdot \underline{\hspace{1cm}} = 8$$

$$10 \cdot \underline{\hspace{1cm}} = 20$$

$$5 \cdot \underline{\hspace{1cm}} = 20$$

$$2 \cdot \underline{\hspace{1cm}} = 16$$

$$\underline{\hspace{1cm}} \cdot 2 = 6$$

$$\underline{\hspace{1cm}} \cdot 4 = 32$$

$$\underline{\hspace{1cm}} \cdot 7 = 35$$

$$\underline{\hspace{1cm}} \cdot 4 = 16$$

$$3 \cdot 3 = \underline{\hspace{1cm}}$$

$$4 \cdot 7 = \underline{\hspace{1cm}}$$

$$9 \cdot 2 = \underline{\hspace{1cm}}$$

$$4 \cdot 3 = \underline{\hspace{1cm}}$$

$$4 \cdot 6 = \underline{\hspace{1cm}}$$

$$2 \cdot 8 = \underline{\hspace{1cm}}$$

$$10 \cdot 3 = \underline{\hspace{1cm}}$$

$$5 \cdot 10 = \underline{\hspace{1cm}}$$

$$6 \cdot 2 = \underline{\hspace{1cm}}$$

$$3 \cdot 5 = \underline{\hspace{1cm}}$$

$$5 \cdot 4 = \underline{\hspace{1cm}}$$

$$8 \cdot 10 = \underline{\hspace{1cm}}$$

$$6 \cdot 4 = \underline{\hspace{1cm}}$$

$$8 \cdot 3 = \underline{\hspace{1cm}}$$

$$2 \cdot 7 = \underline{\hspace{1cm}}$$

$$5 \cdot 10 = \underline{\hspace{1cm}}$$

$$7 \cdot 4 = \underline{\hspace{1cm}}$$

$$4 \cdot 9 = \underline{\hspace{1cm}}$$

$$8 \cdot 5 = \underline{\hspace{1cm}}$$

$$5 \cdot 6 = \underline{\hspace{1cm}}$$

$$6 \cdot 3 = \underline{\hspace{1cm}}$$

$$3 \cdot 9 = \underline{\hspace{1cm}}$$

$$9 \cdot 5 = \underline{\hspace{1cm}}$$

$$7 \cdot 3 = \underline{\hspace{1cm}}$$

15 Reikningur

[.] Skrifaðu tölurnar í réttri röð. Byrjaðu á minnstu tölunni.

415 550 154 215 251 451

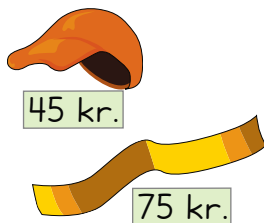
645 540 460 406 701 650

[.] Hvað er afgangs?

Ég á:



Ég kaupi:

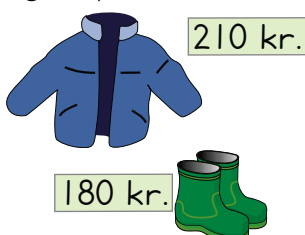


_____ kr.

Ég á:

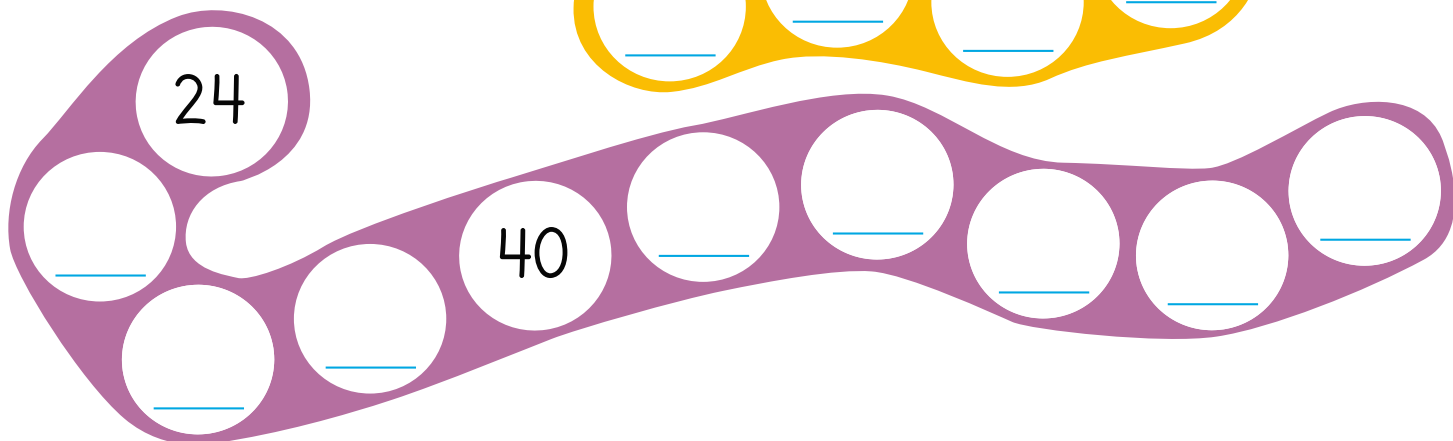
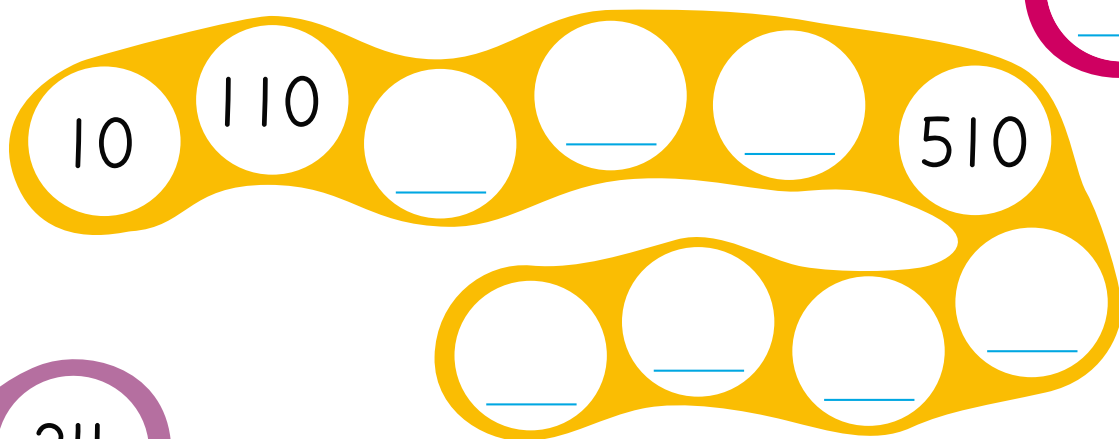
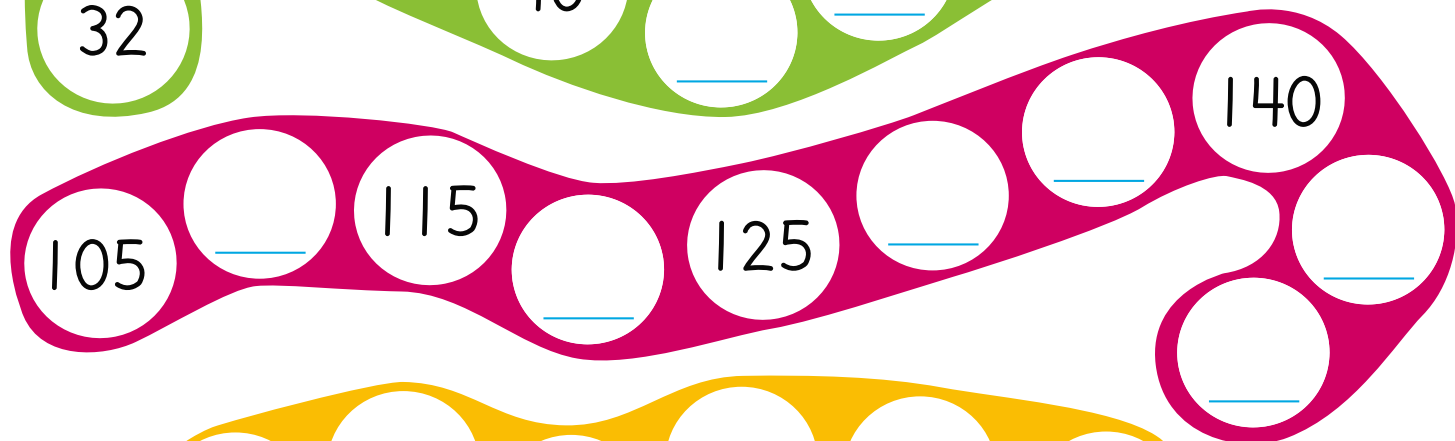
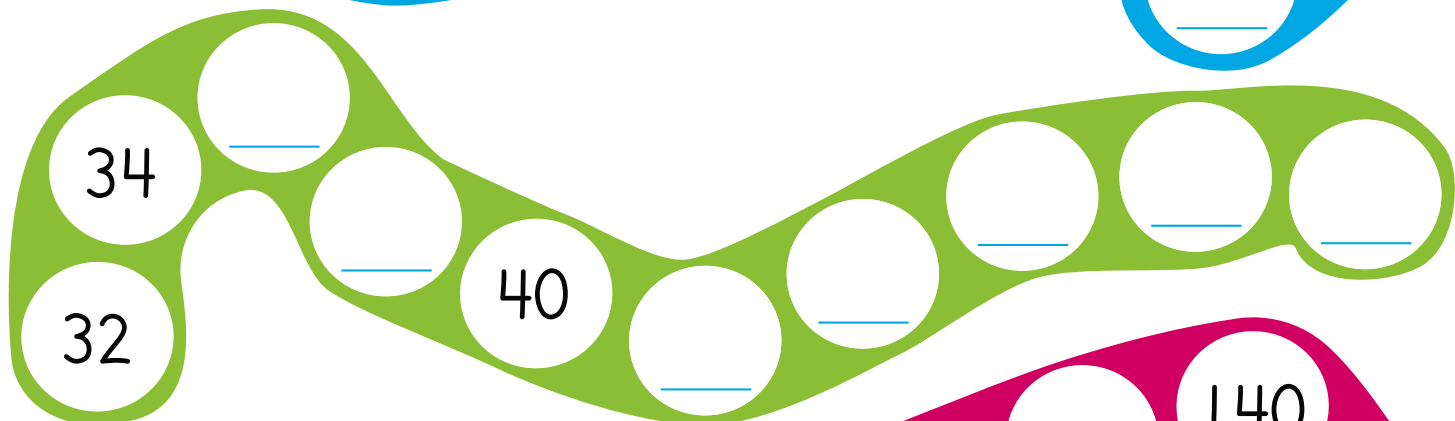
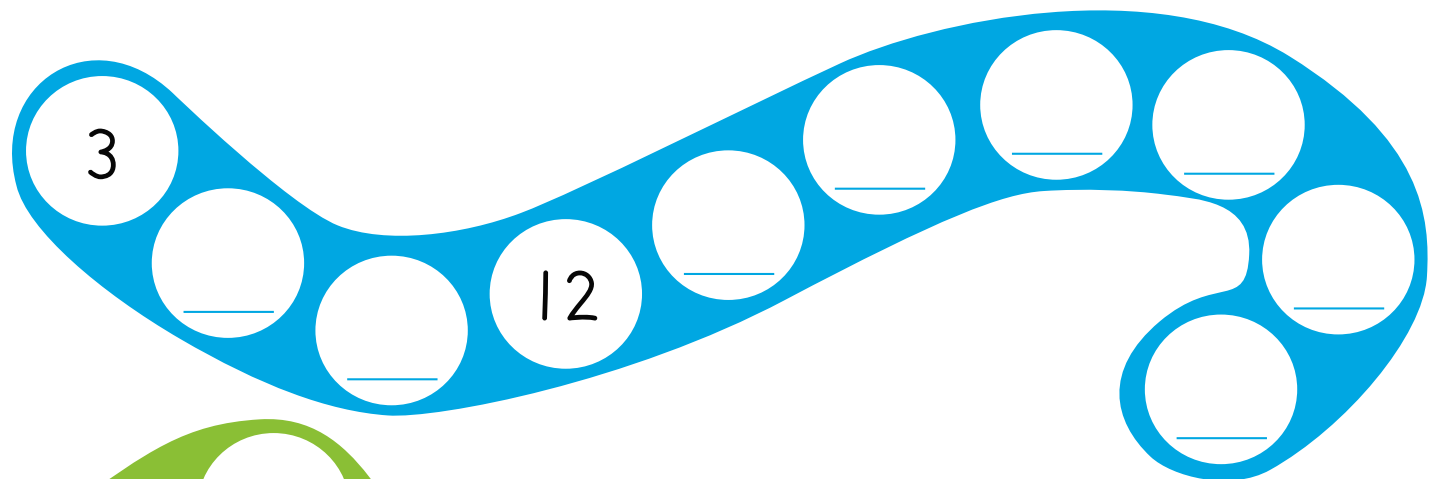


Ég kaupi:



_____ kr.

[·] Skrifaðu tölurnar sem vantar.



[.] Reiknaðu dæmin.

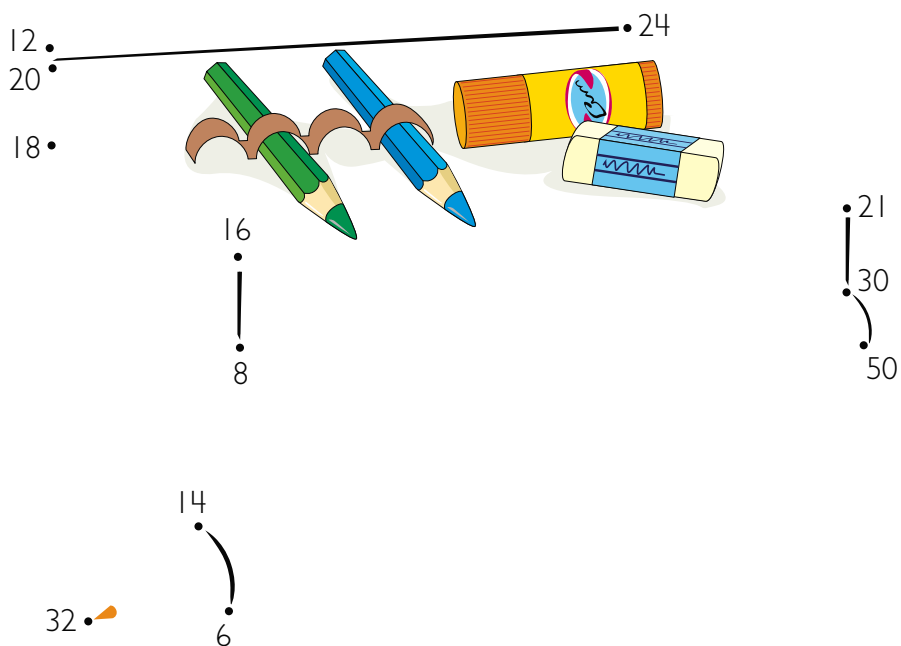
Dragðu síðan strik frá svari til svars á myndinni.

$3 \cdot 4$	$5 \cdot 2$	$5 \cdot 5$	$6 \cdot 4$	$7 \cdot 3$	$8 \cdot 2$	$5 \cdot 4$

$6 \cdot 3$	$4 \cdot 2$	$6 \cdot 5$	$7 \cdot 2$	$4 \cdot 8$	$2 \cdot 3$	$10 \cdot 5$

10 •

• 25



[.] Hvað áttu afgang?

Ég á:



Ég kaupi:



299 kr.

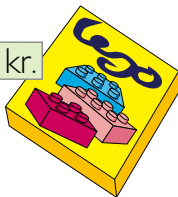
_____ kr.

Ég á:



Ég kaupi:

350 kr.



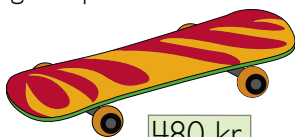
255 kr.

_____ kr.

Ég á:



Ég kaupi:



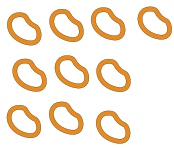
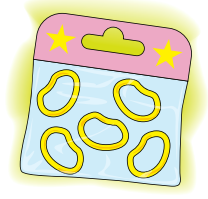
480 kr.



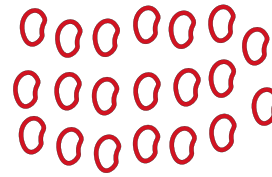
130 kr.

_____ kr.

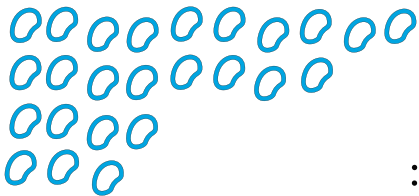
[·] Settu 5 teygjur í hvern poka.
Hvað verða pokarnir margir?



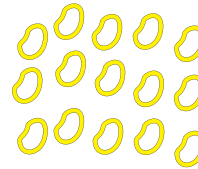
$$10 : 5 = \underline{\hspace{2cm}}$$



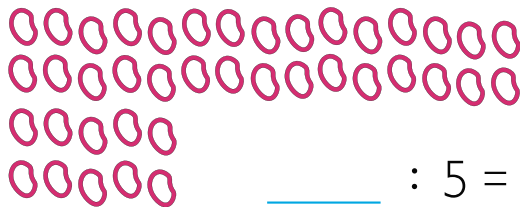
$$\underline{\hspace{2cm}} : 5 = \underline{\hspace{2cm}}$$



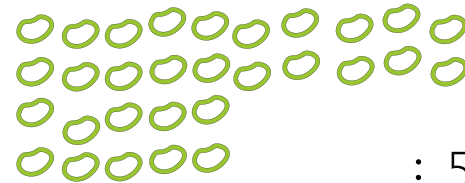
$$\underline{\hspace{2cm}} : 5 = \underline{\hspace{2cm}}$$



$$\underline{\hspace{2cm}} : 5 = \underline{\hspace{2cm}}$$



$$\underline{\hspace{2cm}} : 5 = \underline{\hspace{2cm}}$$

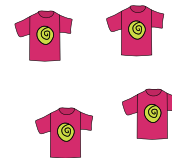


$$\underline{\hspace{2cm}} : 5 = \underline{\hspace{2cm}}$$

[··] Settu 2 boli í hvern pakka.
Hvað verða pakkarnir margir?



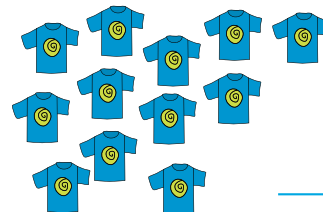
$$6 : 2 = \underline{\hspace{2cm}}$$



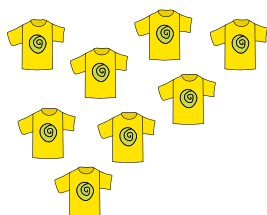
$$\underline{\hspace{2cm}} : 2 = \underline{\hspace{2cm}}$$



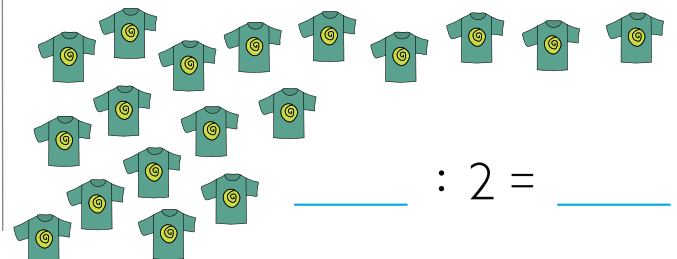
$$\underline{\hspace{2cm}} : 2 = \underline{\hspace{2cm}}$$



$$\underline{\hspace{2cm}} : 2 = \underline{\hspace{2cm}}$$

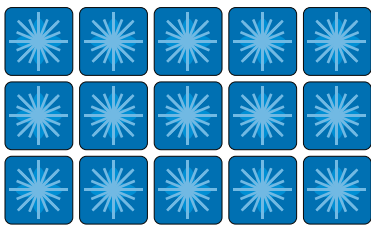


$$\underline{\hspace{2cm}} : 2 = \underline{\hspace{2cm}}$$

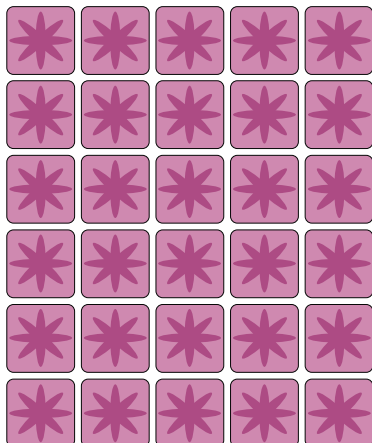


$$\underline{\hspace{2cm}} : 2 = \underline{\hspace{2cm}}$$

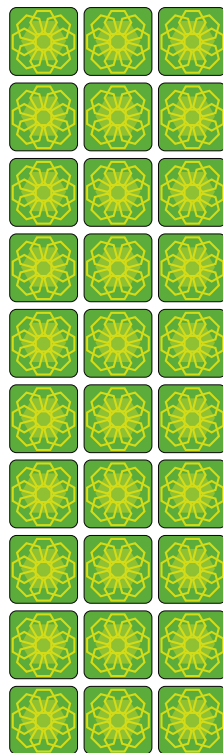
[·] Hvað eru flísarnar margar?



$$\underline{\quad} \cdot \underline{\quad} = \underline{\quad}$$



$$\underline{\quad} \cdot \underline{\quad} = \underline{\quad}$$



$$\underline{\quad} \cdot \underline{\quad} = \underline{\quad}$$

[·] Reiknaðu dæmin.

		7	2	1
+		1	6	8

		2	8	3
+		4	1	6

		3	2	6
+		5	6	2

		3	7	3
+		1	2	5

		5	9	4
+		2	0	5

		5	1	6
+		2	8	3

		6	5	8
+		2	2	1

		3	4	3
+		3	2	6

- Nemendur finna hvað flísarnar eru margar í hverju verkefni og skrifa það sem margföldunardæmi.
- Nemendur reikna samlagningardæmin.

[·] Reiknaðu dæmin.

		6	2	4
+		3	5	5

		2	1	7
+		7	8	1

		3	2	5
+		6	5	8

		5	3	6
+		2	5	6

		4	2	8
+		5	4	2

		3	5	9
+		4	0	4

		5	1	8
+		4	4	3

		7	2	7
+		1	4	3

		3	4	2
		2	9	8
+			4	3

		6	4	9
			1	1
+		3	4	9

			6	3
		1	7	4
+		9	5	2

		1	5	4
			3	2
+		9	0	5

		9	2	7
-		3	4	5

		6	4	9
-		3	7	8

		7	4	7
-		3	5	5

		3	6	9
-		1	8	7

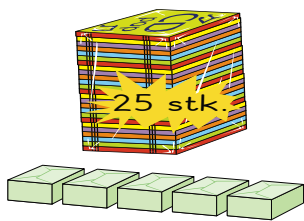
		6	5	2
-		2	4	6

		8	3	9
-		3	4	8

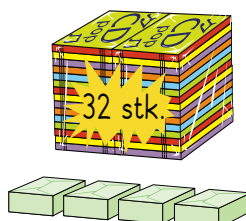
		7	4	5
-		5	2	7

		5	4	3
-		2	2	6

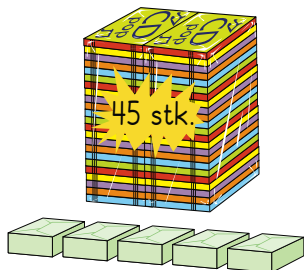
[.] Geisladiskana á að setja í kassa, jafn marga diska í hvern.
Hve margir verða kassarnir?



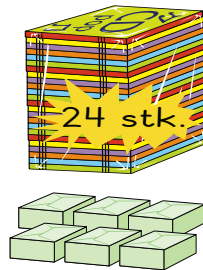
$$25 : 5 = \underline{\hspace{2cm}}$$



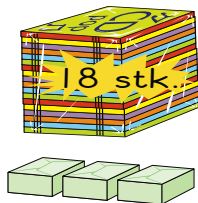
$$\underline{\hspace{2cm}} : \underline{\hspace{2cm}} = \underline{\hspace{2cm}}$$



$$\underline{\hspace{2cm}} : \underline{\hspace{2cm}} = \underline{\hspace{2cm}}$$



$$\underline{\hspace{2cm}} : \underline{\hspace{2cm}} = \underline{\hspace{2cm}}$$



$$\underline{\hspace{2cm}} : \underline{\hspace{2cm}} = \underline{\hspace{2cm}}$$



$$\underline{\hspace{2cm}} : \underline{\hspace{2cm}} = \underline{\hspace{2cm}}$$

[..] Bolti kostar 4 kr.
Hvað geturðu keypt marga bolta?



16 kr.

$$16 : 4 = \underline{\hspace{2cm}}$$

36 kr.

$$\underline{\hspace{2cm}} : 4 = \underline{\hspace{2cm}}$$

28 kr.

$$\underline{\hspace{2cm}} : 4 = \underline{\hspace{2cm}}$$

20 kr.

$$\underline{\hspace{2cm}} : 4 = \underline{\hspace{2cm}}$$

40 kr.

$$\underline{\hspace{2cm}} : 4 = \underline{\hspace{2cm}}$$

12 kr.

$$\underline{\hspace{2cm}} : 4 = \underline{\hspace{2cm}}$$

- Nemendur skipta geisladiskunum í kassa þannig að jafn margir séu í hverjum kassa. Þeir finna hve margir kassarnir verða. Þeir skrifa bæði dæmin og svörin.
- Nemendur finna hvað hægt er að kaupa marga bolta þegar hver bolti kostar 4 kr. stykkið. Þeir skrifa bæði dæmin og svörin.

[·] Reiknaðu dæmin.

		1	2	7
+		7	2	1

		3	4	5
+		5	4	3

		6	2	3
+		3	2	6

		5	8	7
+		4	1	1

	1	3	4	7
-		2	5	4

	1	4	5	7
-		1	9	8

	1	5	6	3
-		7	4	4

	1	2	7	2
-			8	4

[··] Reiknaðu dæmin.

$3 \cdot 4 = \underline{\hspace{2cm}}$

$5 \cdot 2 = \underline{\hspace{2cm}}$

$6 \cdot 3 = \underline{\hspace{2cm}}$

$8 \cdot 3 = \underline{\hspace{2cm}}$

$4 \cdot 5 = \underline{\hspace{2cm}}$

$5 \cdot 5 = \underline{\hspace{2cm}}$

$3 \cdot 3 = \underline{\hspace{2cm}}$

$10 \cdot 7 = \underline{\hspace{2cm}}$

$6 \cdot 4 = \underline{\hspace{2cm}}$

$3 \cdot 7 = \underline{\hspace{2cm}}$

$5 \cdot 10 = \underline{\hspace{2cm}}$

$5 \cdot 9 = \underline{\hspace{2cm}}$

$15 : 5 = \underline{\hspace{2cm}}$

$21 : 3 = \underline{\hspace{2cm}}$

$24 : 4 = \underline{\hspace{2cm}}$

$18 : 2 = \underline{\hspace{2cm}}$

$20 : 5 = \underline{\hspace{2cm}}$

$20 : 4 = \underline{\hspace{2cm}}$

$16 : 4 = \underline{\hspace{2cm}}$

$25 : 5 = \underline{\hspace{2cm}}$

$32 : 8 = \underline{\hspace{2cm}}$

- [.] Tómas á 285 fótboltamyndir.
Lísa á 50 myndum meira.

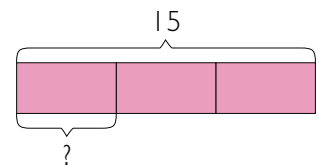
Hvað á Lísa margar myndir? _____



- [.] Alma er að safna servíettum og á nú 176. Hún á 30 fleiri servíettur en Stína.

Hvað á Stína margar servíettur? _____

- [.] Anna á 15 sokkapör. Þau eru þrefalt fleiri en Þura á.



Hve mörg sokkapör á Þura? _____

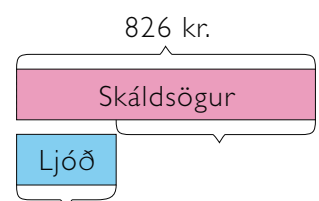
- [.] Sigrún á þrjá boli.
Andrés á fjórum sinnum fleiri.

Hve marga boli á Andrés? _____

- [.] Jónas á 455 frímerki. Steinn á tvöfalt fleiri.

Hve mörg frímerki eiga Jónas og Steinn samtals? _____

- [.] Foreldrar Jónasar og Steins eiga gott bókasafn. Í því eru 826 skáldsögur. Ljóðabækurnar eru 512 færri en skáldsögurnar.



Hve margar eru skáldsögurnar og ljóðabækurnar samtals? _____

[·] Reiknaðu dæmin.

$5 \cdot 3 = \underline{\hspace{2cm}}$

$4 \cdot 2 = \underline{\hspace{2cm}}$

$2 \cdot 3 = \underline{\hspace{2cm}}$

$4 \cdot 4 = \underline{\hspace{2cm}}$

$3 \cdot 5 = \underline{\hspace{2cm}}$

$2 \cdot 10 = \underline{\hspace{2cm}}$

$16 : 4 = \underline{\hspace{2cm}}$

$15 : 3 = \underline{\hspace{2cm}}$

$20 : 2 = \underline{\hspace{2cm}}$

$5 : 5 = \underline{\hspace{2cm}}$

$8 : 2 = \underline{\hspace{2cm}}$

$6 : 3 = \underline{\hspace{2cm}}$

[·] Reiknaðu dæmin.

		6	4	9
+		9	8	7
+				5

		3	7	4
+		2	9	8
+			1	7

			3	7
+		2	9	7
+			1	8

		7	4	9
+			6	7
+		4	1	3

		5	7	6
-		2	9	8

		6	7	4
-		2	9	3

		3	5	4
-		2	6	4

		8	2	1
-		6	5	4

		4	8	2
-		2	7	8

		7	2	6
-		5	8	4

		2	3	8
-		1	2	9

		5	1	7
-		3	4	9

[.] Reiknaðu dæmin.

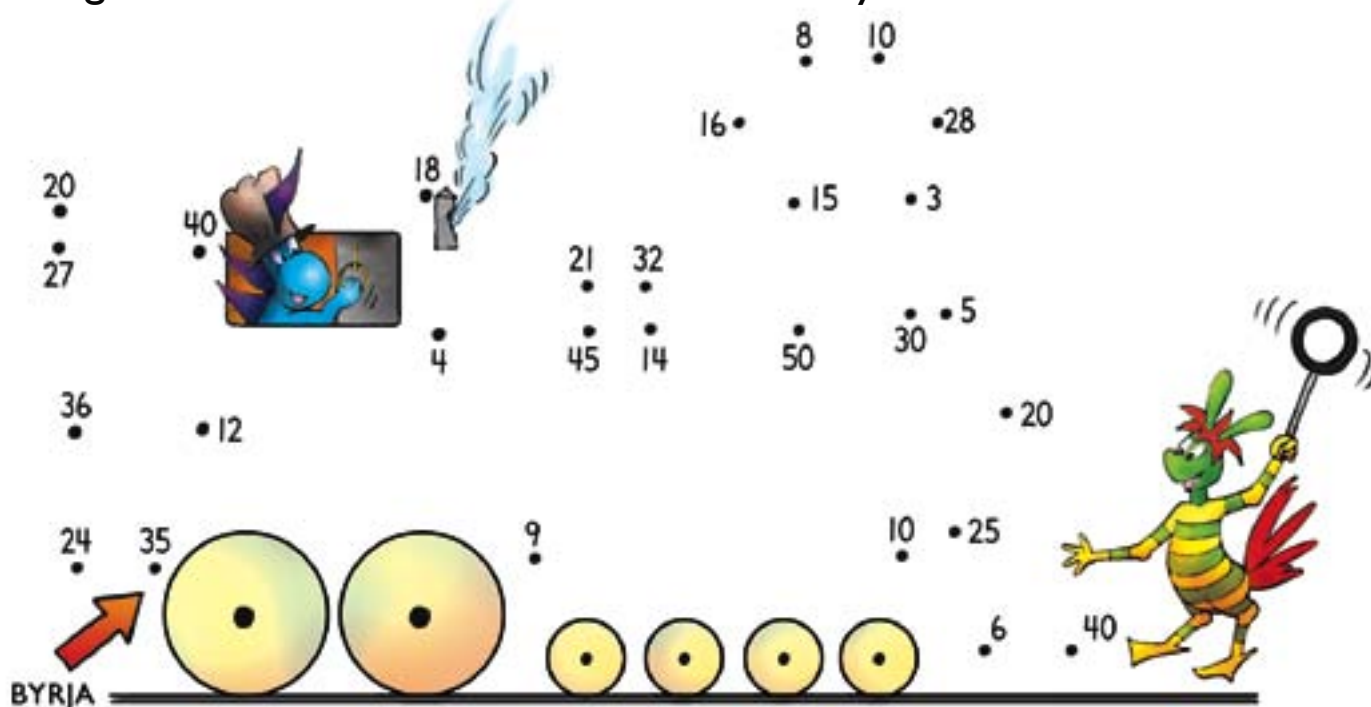
$5 \cdot 7$	$8 \cdot 3$	$9 \cdot 4$	$3 \cdot 4$	$5 \cdot 8$	$3 \cdot 9$	$5 \cdot 4$

$6 \cdot 3$	$2 \cdot 2$	$5 \cdot 9$	$3 \cdot 7$	$8 \cdot 4$	$2 \cdot 7$	$5 \cdot 10$

$5 \cdot 3$	$8 \cdot 2$	$2 \cdot 4$	$10 \cdot 1$	$7 \cdot 4$	$1 \cdot 3$	$5 \cdot 6$

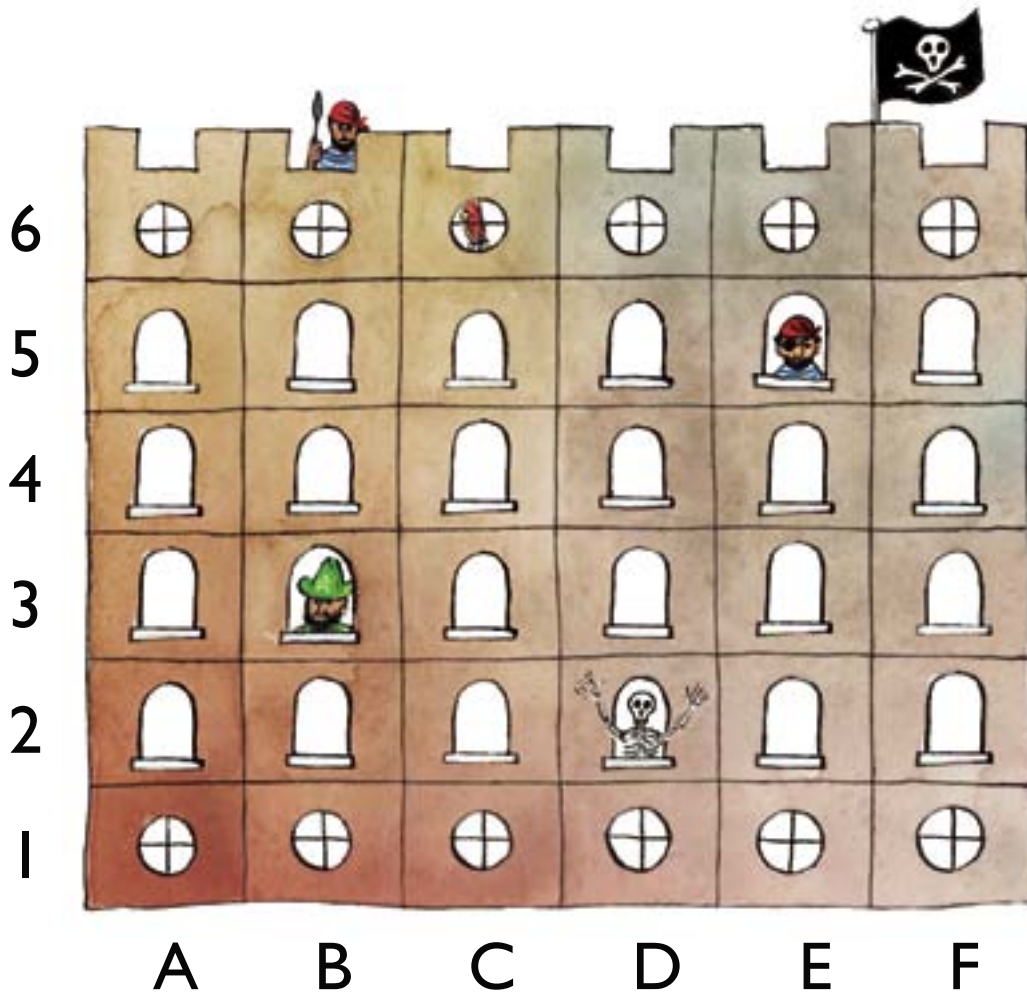
$5 \cdot 1$	$10 \cdot 2$	$5 \cdot 5$	$4 \cdot 10$	$3 \cdot 2$	$5 \cdot 2$	$3 \cdot 3$

Dragðu síðan strik frá svari til svars á myndinni.

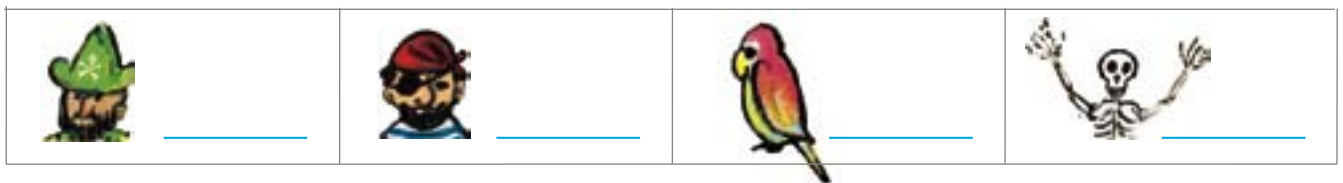


- Nemendur reikna margföldunardæmin í reitunum, finna svörin á teikningunni og draga strik frá einu svari til annars í þeirri röð sem þau eru í reitunum.

16 Hvar í rúðunetinu?



[·] Hvar eiga þau heima?



[·] Teiknaðu í rétta glugga.



[·] Litaðu reitina í réttum litum.

Brúnir

A2, A3, A4, A5, B1, B3, B4, B5, C1, C2, C3, D1, D3, D4, D5, D6, D7, E1, E2, E3, F1, F3, F4, F5, F6, F7, G2, G3, H3

Svartir

B2, D2, F2

Bláir

A1, A6, A7, B6, B7, C4, E4, G1, G4, H1, H2, H4, H5, H6, H7

Hvítir

C5, C6, C7, E5, E6, E7, G5, G6, G7

7								
6								
5								
4								
3								
2								
1								
	A	B	C	D	E	F	G	H

[·] SPIL Fjórir í röð

1. spil

2. spil

LEIKREGLUR

Tveir leikmenn nota sama spilaborð og merkja til skiptis á spilaborðið. Annar leikmaðurinn merkir sína reiti með X og hinn sína reiti með O. Sá vinnur sem er á undan að fá fjóra reiti í röð, lárétt, lóðrétt eða á ská.

[.] Finndu svörin við orðadæmunum í rúðunetinu. Skráðu réttan reit við hvert orðadæmi.

4	682	848	395	771
3	163	219	740	194
2	96	327	655	566
1	235	145	489	119
	A	B	C	D

Anna og Jóhanna áttu
575 glerperlur samtals.

Anna átti 248 perlur.

Hve margar perlur átti Jóhanna?

Bjarki seldi 276 happdrættismiða.

Elsa seldi 157 færri miða.

a Hve marga miða seldi Elsa?

b Hve marga miða seldu
Bjarki og Elsa samtals?

Hilmir reiknaði 97 dæmi á einni viku.

Valdís reiknaði tvöfalt fleiri.

Hve mörg dæmi reiknaði Valdís?

Elmar og Dagný fengu hvort sinn skrefamæli.

Á einum mánuði gekk Elmar 32 km.

Dagný gekk þrefalt lengra.

Hve langt gekk Dagný?

Jóhanna fékk 438 perlur frá afa.

Afi átti samt helmingi fleiri perlur eftir.

Hve margar perlur átti afi eftir?

(Framhald af bls. 61)

Hildur keypti 10 poka af súkkulaðikúlum fyrir afmælið sitt.

Í hverjum poka voru 74 kúlur.

a Hvað fékk Hildur margar kúlur?

Í afmæli Hildar borðuðu gestirnir 174 kúlur.

b Hve margar kúlur voru afgang?

Valdís, Hilmir, Bjarki og Elsa fengu 5800 kr. fyrir að þvo bíl.

Þau skiptu peningunum jafnt á milli sín.

Hve mikið fékk hvert þeirra?

Soffía keypti samloku á 613 kr.

Elvar keypti safa.

Hann kostaði 378 kr. minna en samlokan.

a Hvað kostaði safinn?

b Hvað kostuðu samlokan og safinn samtals?

Katla tíndi 341 skel í fjöruferð.

Dagný tíndi tvöfalt fleiri skeljar.

a Hve margar skeljar tíndi Dagný?

Jóhanna átti 89 fleiri skeljar en Dagný.

b Hve margar skeljar átti Jóhanna?

Kristín átti 860 kr. Hún keypti sér vínber.

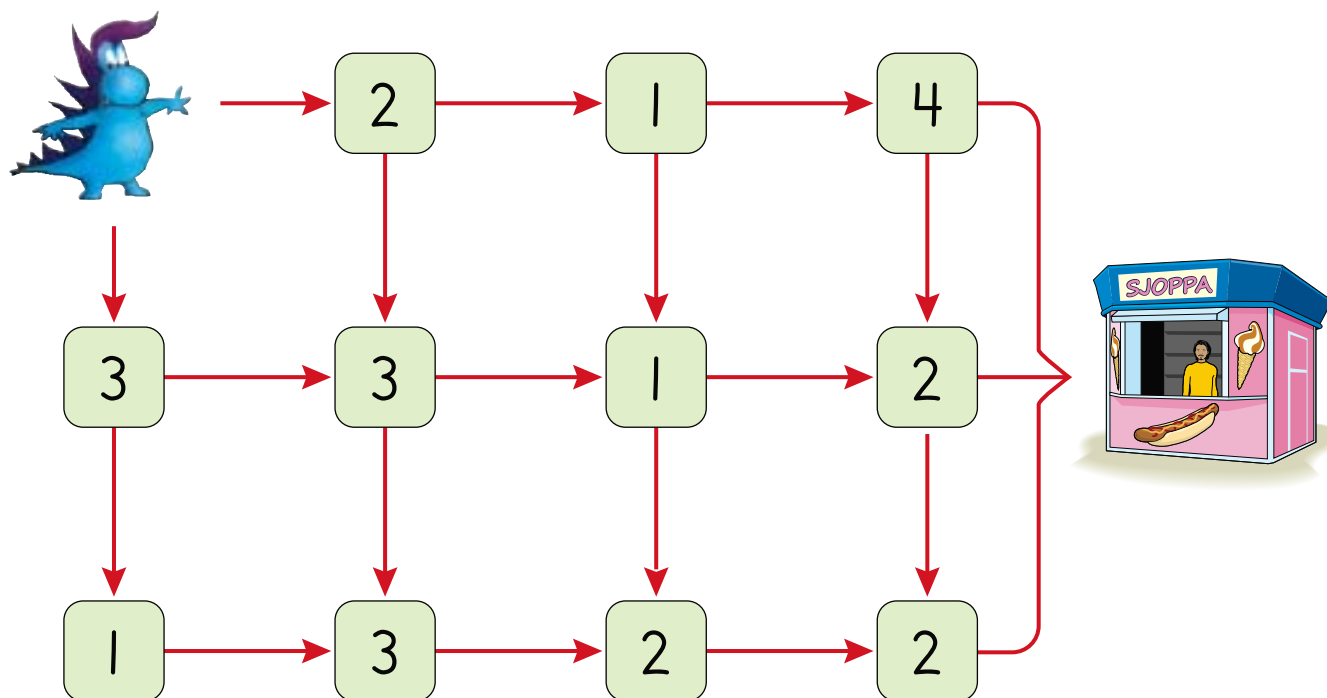
Þá átti hún 205 kr. eftir.

a Hvað kostuðu vínberin?

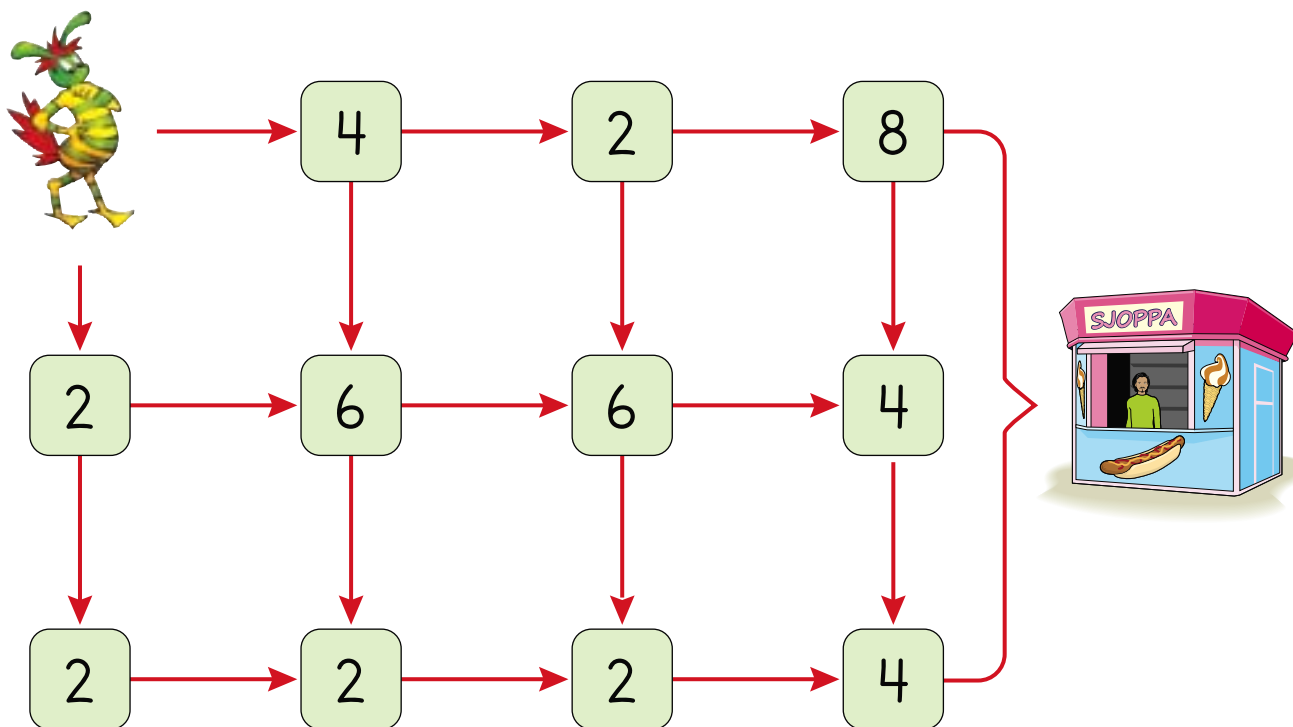
Síðan keypti hún appelsínu fyrir 42 kr.

b Hve mikið átti hún eftir af peningunum?

[.] Fylgdu örvunum og búðu til veg til sjoppunnar þannig að summan verði 12.



[.] Fylgdu örvunum og búðu til veg til sjoppunnar þannig að summan verði 24.



- Nemendur finna leið til sjoppunnar þar sem summan verður 12.
- Nemendur finna leið til sjoppunnar þar sem summan verður 24.

[.] Hvað stendur á póstkortunum?

<u>21</u>	<u>12</u>	<u>17</u>	<u>14</u>	<u>11</u>	<u>21</u>	<u>15</u>	<u>13</u>	<u>11</u>
<u>24</u>	<u>16</u>		<u>18</u>	<u>9</u>	<u>23</u>	<u>22</u>	<u>10</u>	
<u>21</u>	<u>30</u>	<u>19</u>	<u>9</u>	<u>10</u>	<u>20</u>	<u>10</u>	<u>13</u>	



$$\mathbf{P} = 6 \cdot 3$$

$$\mathbf{I} = 20 - 6$$

$$\mathbf{F} = 4 \cdot 5$$

$$\mathbf{G} = 8 + 8$$

$$\mathbf{U} = 3 \cdot 10$$

$$\mathbf{Í} = 25 - 12$$

$$\mathbf{K} = 31 - 16$$

$$\mathbf{L} = 9 + 8$$

$$\mathbf{A} = 21 - 12$$

$$\mathbf{M} = 32 - 13$$

$$\mathbf{N} = 30 - 19$$

$$\mathbf{Ó} = 3 \cdot 4$$

$$\mathbf{Ð} = 9 + 14$$

$$\mathbf{R} = 2 \cdot 5$$

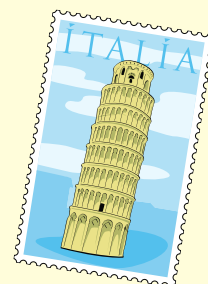
$$\mathbf{S} = 13 + 8$$

$$\mathbf{O} = 4 \cdot 6$$

$$\mathbf{E} = 2 \cdot 11$$

<u>22</u>	<u>4</u>		<u>22</u>	<u>15</u>	<u>15</u>	<u>26</u>				
<u>6</u>	<u>21</u>	<u>5</u>	<u>21</u>	<u>16</u>	<u>21</u>	<u>20</u>	<u>24</u>	<u>22</u>	<u>4</u>	<u>21</u>
<u>14</u>	<u>30</u>	<u>4</u>	<u>14</u>	<u>26</u>	<u>25</u>	<u>6</u>				
<u>3</u>	<u>25</u>	<u>4</u>	<u>20</u>	<u>21</u>		<u>14</u>	<u>13</u>			

?



$$\mathbf{A} = 7 \cdot 3$$

$$\mathbf{B} = 12 : 4$$

$$\mathbf{Ð} = 4 \cdot 5$$

$$\mathbf{E} = 41 - 19$$

$$\mathbf{F} = 16 + 14$$

$$\mathbf{G} = 30 : 5$$

$$\mathbf{I} = 8 + 18$$

$$\mathbf{Í} = 31 - 17$$

$$\mathbf{M} = 20 : 4$$

$$\mathbf{O} = 9 + 16$$

$$\mathbf{V} = 4 \cdot 6$$

$$\mathbf{R} = 28 : 7$$

$$\mathbf{K} = 3 \cdot 5$$

$$\mathbf{T} = 2 \cdot 8$$

$$\mathbf{S} = 27 - 14$$

$$\mathbf{N} = 4 \cdot 4$$

Sproti 3b

Æfingahefti

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Hönnun og útlit: Børre Holth

Kápuhönnun: Hanne Dahl

Myndir á kápu og stærðfræðiteikningar: Børre Holth

Teikningar: Anne Tryti

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1. útgáfa 2010

2. útgáfa 2012 aukin og endurskoðuð

önnur prentun 2014

þriðja prentun 2015

fjórða prentun 2016

fimmta prentun 2017

sjötta prentun 2018

sjöunda prentun 2019

áttunda prentun 2020

Menntamálastofnun

Kópavogi

Umbrot: Námsgagnastofnun

Prentvinnsla: Ísafoldarprentsmiðja ehf. – umhverfisvottuð prentsmiðja

Þeim sem lásu yfir handrit og öðrum sem komu að verkinu og veittu góð ráð eru færðar bestu þakkir.

Bók þessa má eigi afrita með neinum hætti, svo sem ljósmyndun, prentun, hljóðritun eða á annan sambærilegan hátt að hluta til eða í heild, án skriflegs leyfis höfunda, þýðanda og útgefanda.



Stærðfræði fyrir grunnskóla

Sproti býður upp á sveigjanleika í stærðfræðikennslunni með því gefa kennurum möguleika á að nota mismunandi kennsluaðferðir. SPROTI felur í sér örvandi, innihaldsríkan og skemmtilegan leiðarvísi til stærðfræðinnar.

Áhersla er lögð á:

- Hagnýt og fjölbreytileg verkefni þar sem tækifæri gefst til að rannsaka og skapa.
- Einstaklingsmiðað nám sem felur jafnframt í sér sameiginlega námsreynslu nemendahópsins.
- Skýr fagleg markmið í samræmi við námskrá.
- Faglega framvindu námsins, eftir því sem mögulegt er, kafla eftir kafla, námsár eftir námsár.
- Umfangsmikið og nákvæmt mat á stöðu nemenda sem tekið er mið af í kennslunni.

Megineinkenni **Sprota**:

- Tengir saman fræðilega umfjöllun og hagnýt verkefni.
- Fjallað er markvisst og ítarlega um hvern námsþátt í nokkurn tíma.
- Textar eru stuttir og auðlesnir.
- Námsfernið er lagað að nemendum með mismunandi námsgetu.
- Hagnýtar og notendavænar kennarabækur fylgja.
- Markmið hvers kafla eru nákvæmlega tilgreind.

Sproti 3 samanstendur af:

- nemendabókum 3a og 3b
- kennarabókum 3a og 3b
- æfingaheftum 3a og 3b
- verkefnaheftum 3a og 3b

Höfundar:

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Henrik Kirkegaard

Mona Røsseland

Hanna Kristín Stefánsdóttir þýddi og staðfærði.

