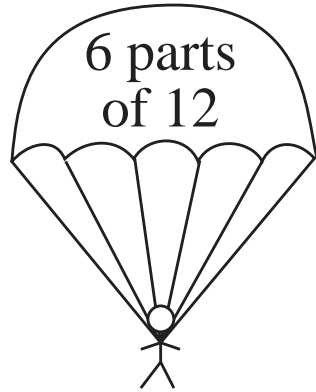
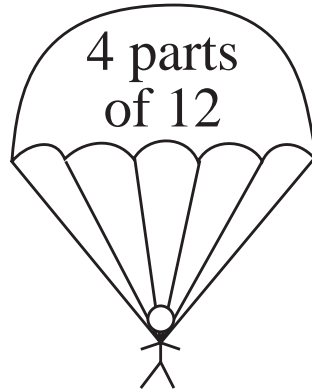


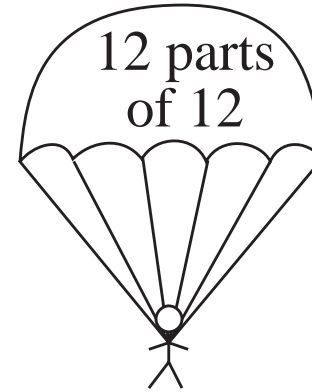
3 parts
of 12



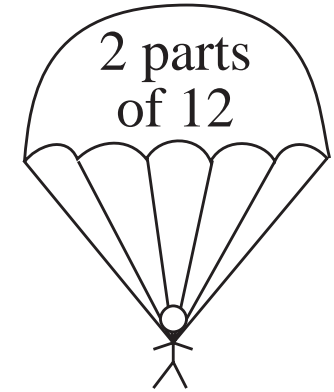
6 parts
of 12



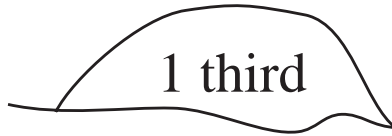
4 parts
of 12



12 parts
of 12



2 parts
of 12



1 third



1 quarter



1 half

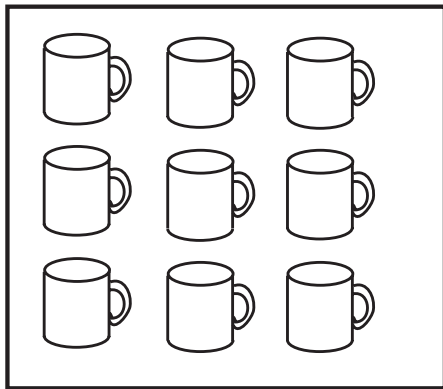


1 whole

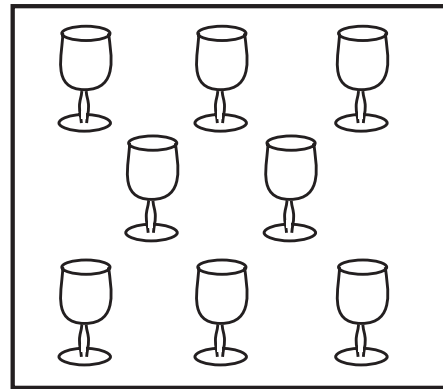


1 sixth

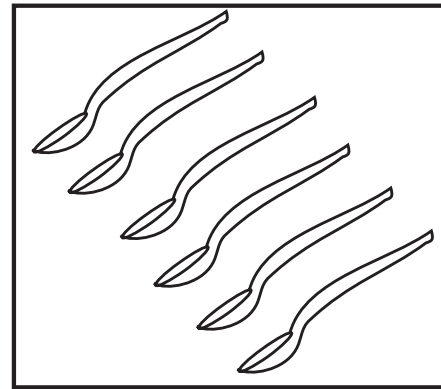
LP 141/6



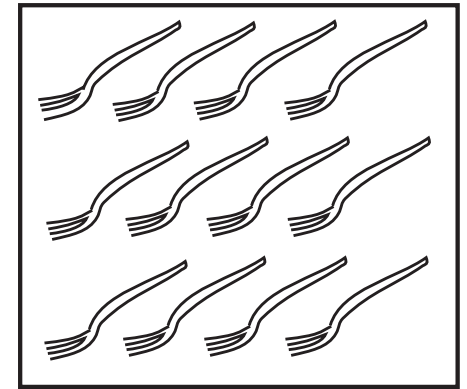
2 thirds



1 quarter

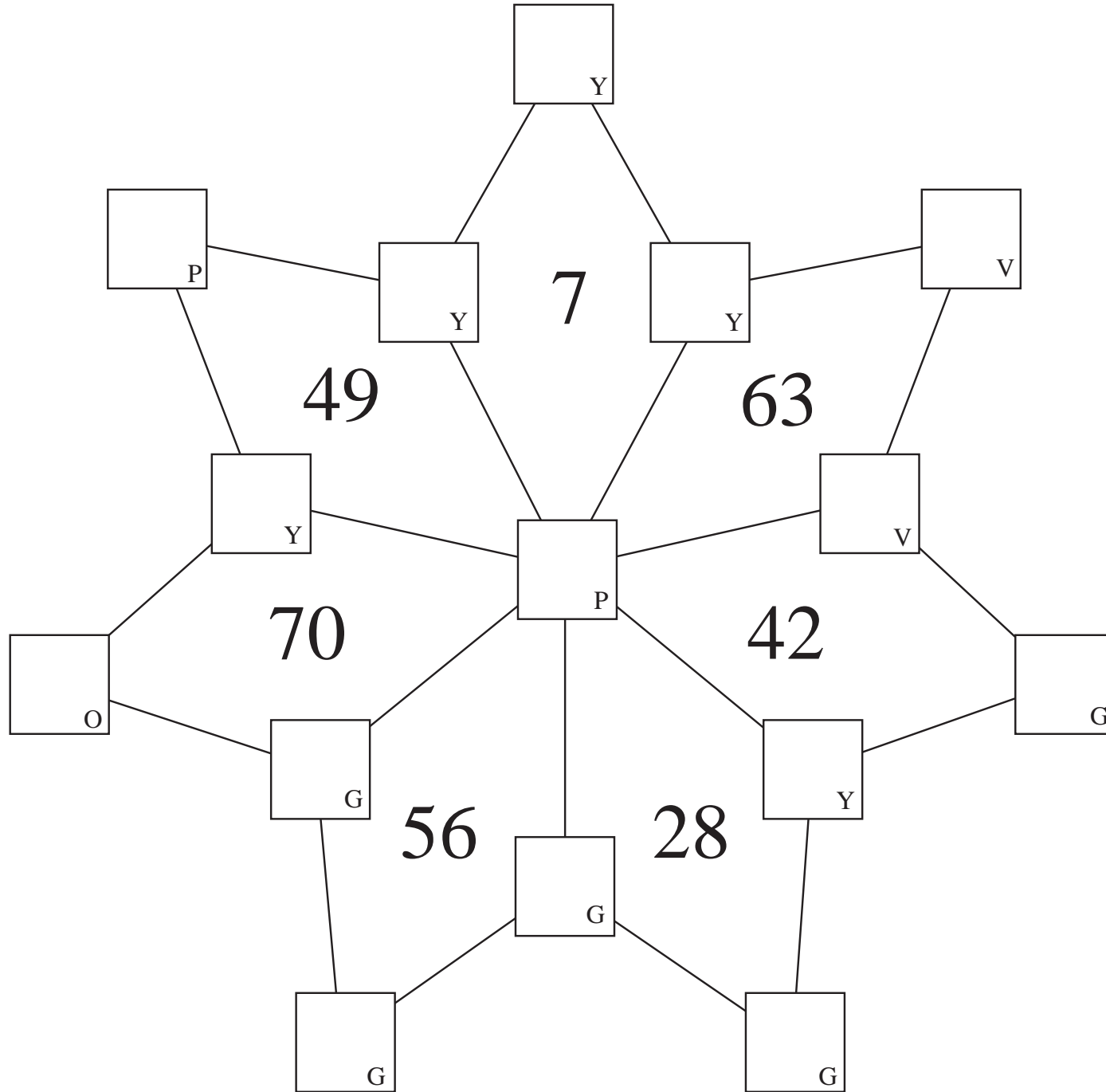


2 sixths



3 quarters

LP 144/3



12

6

15

19

21

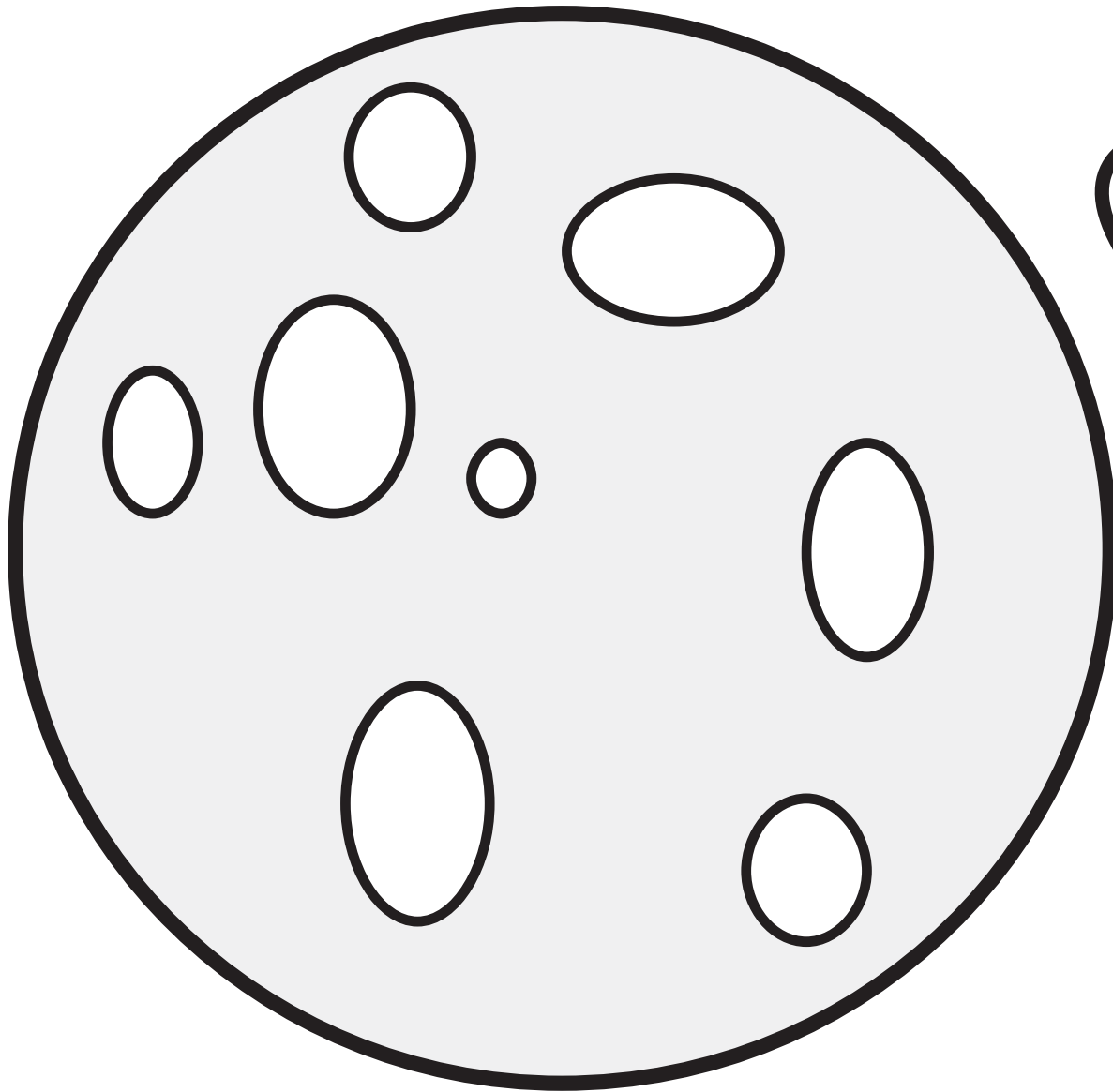
30

24

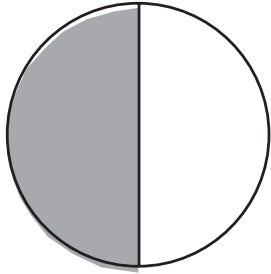
16

41

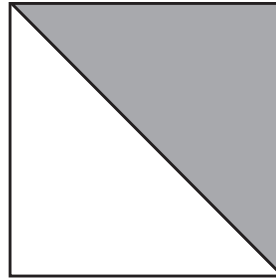
Half of is a whole numberHalf of is NOT a whole number



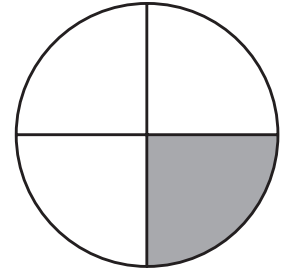
a)



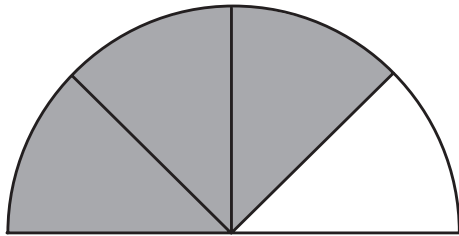
b)



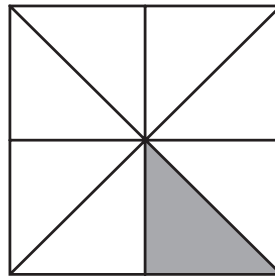
c)



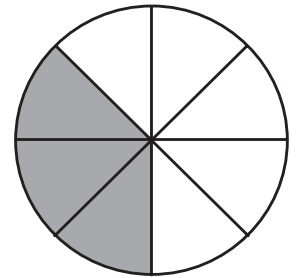
d)



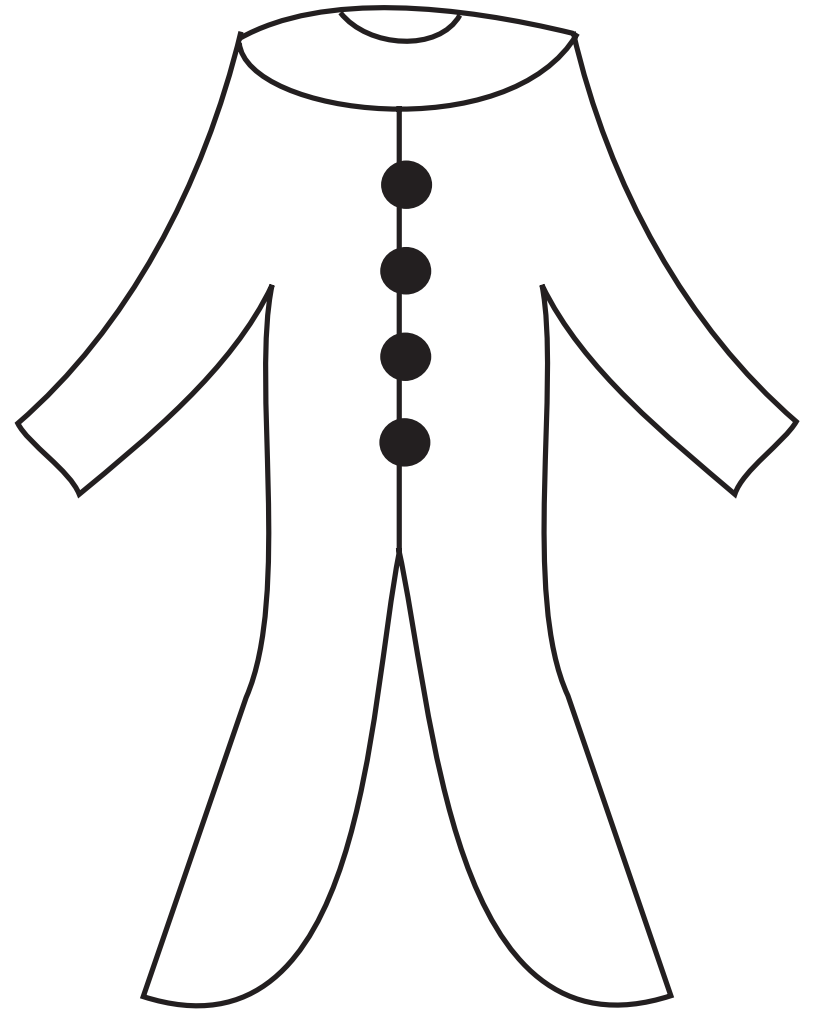
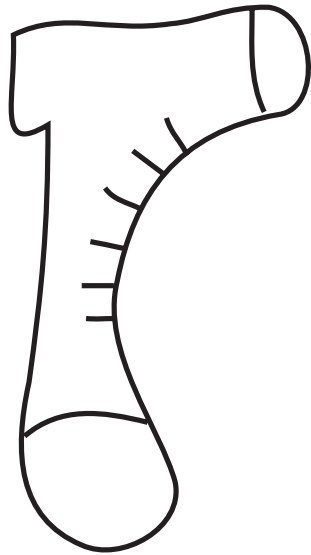
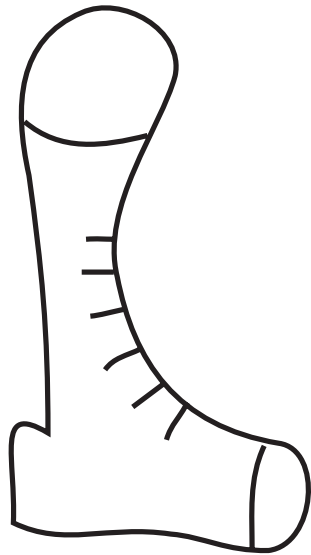
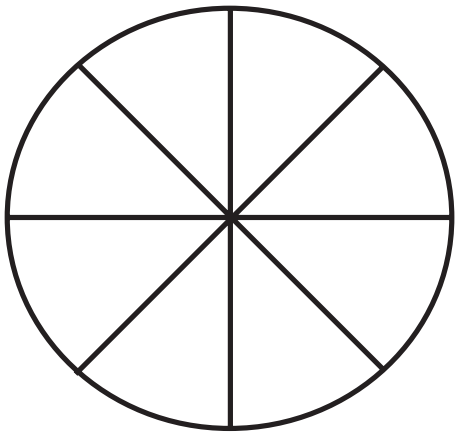
e)



f)



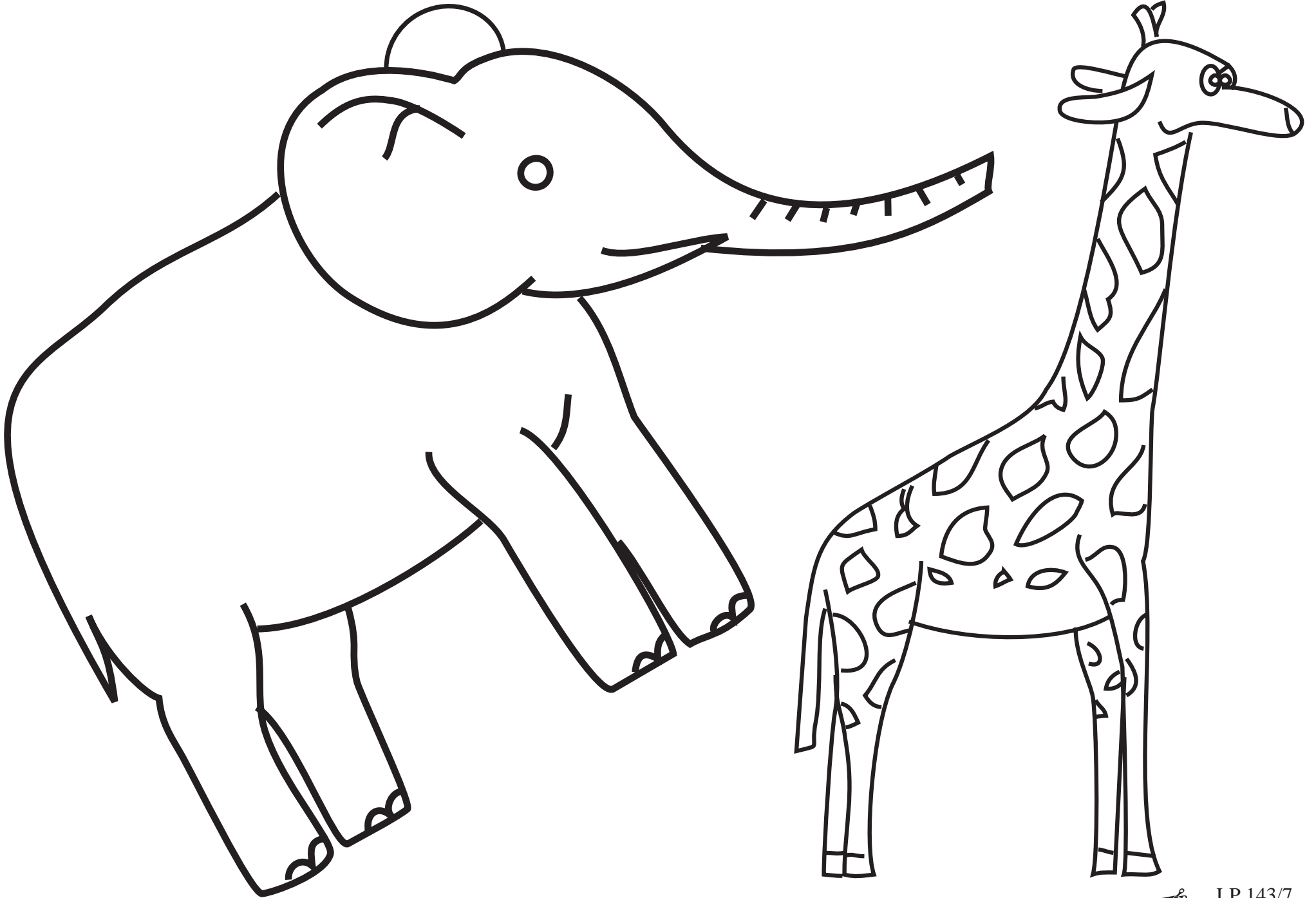


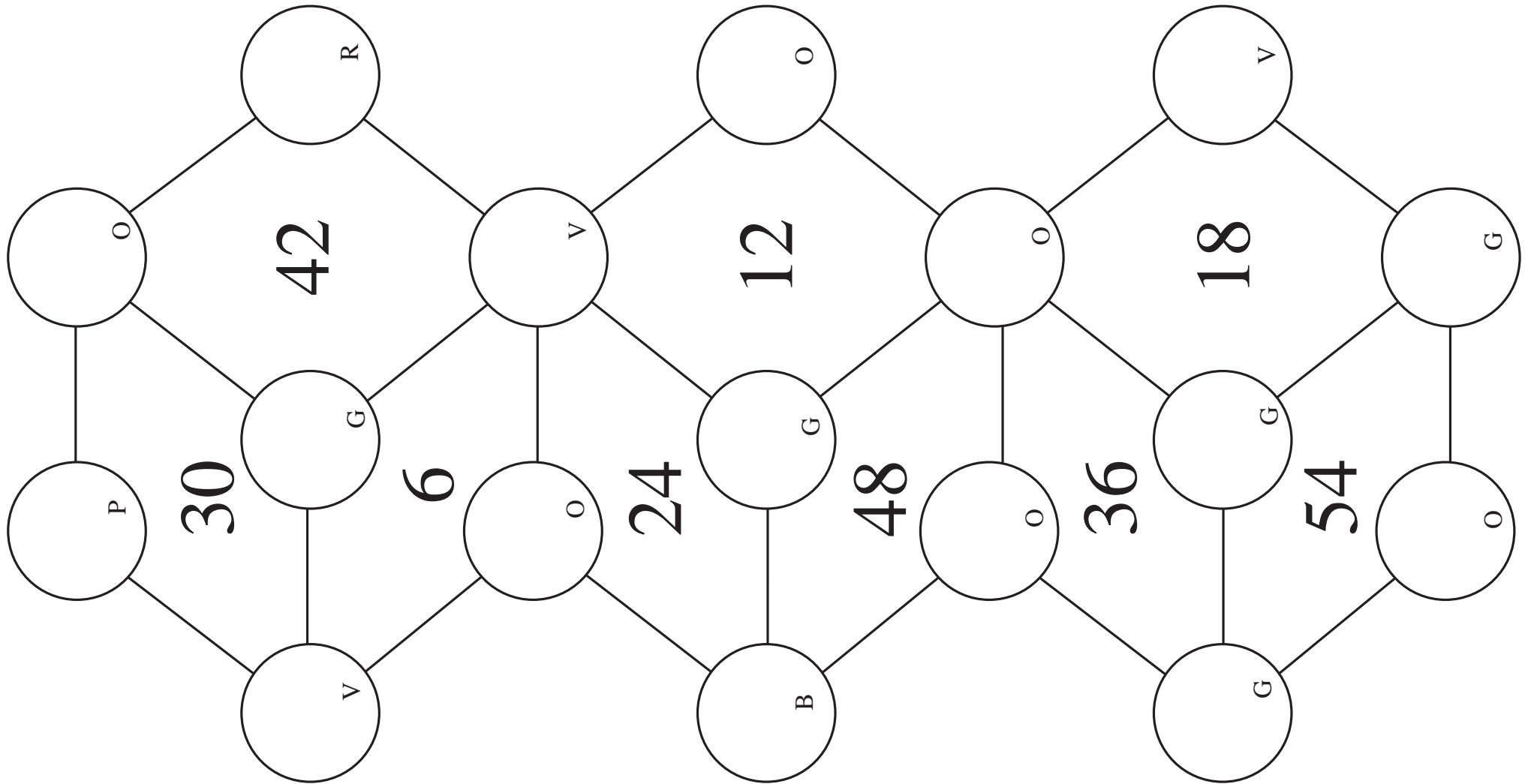


a)  is 1 third of

b)  is of 

c)  is of 

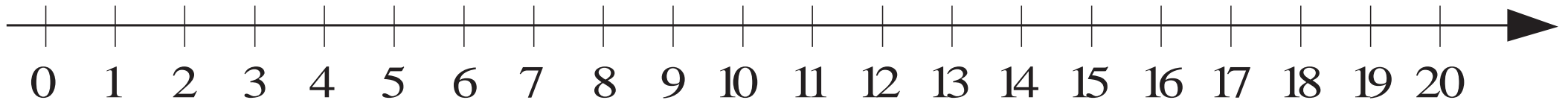




1 fifth of 15

2 times 8

2 halves of 6



2 quarters of 8

1 half of 0

3 quarters of 20

LP 144/6

Diagram:

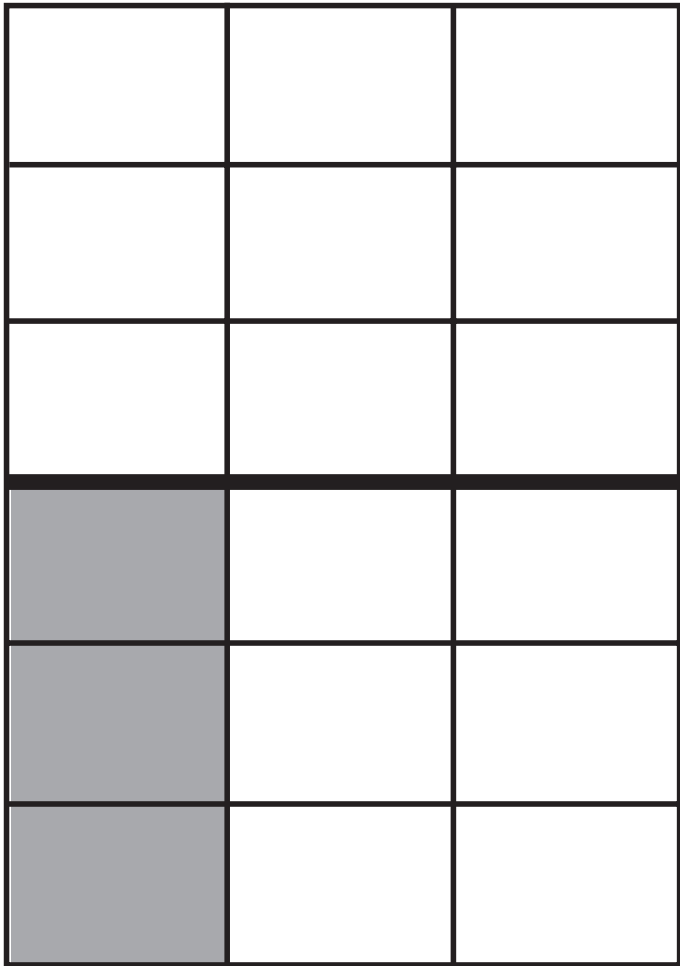


Plan:

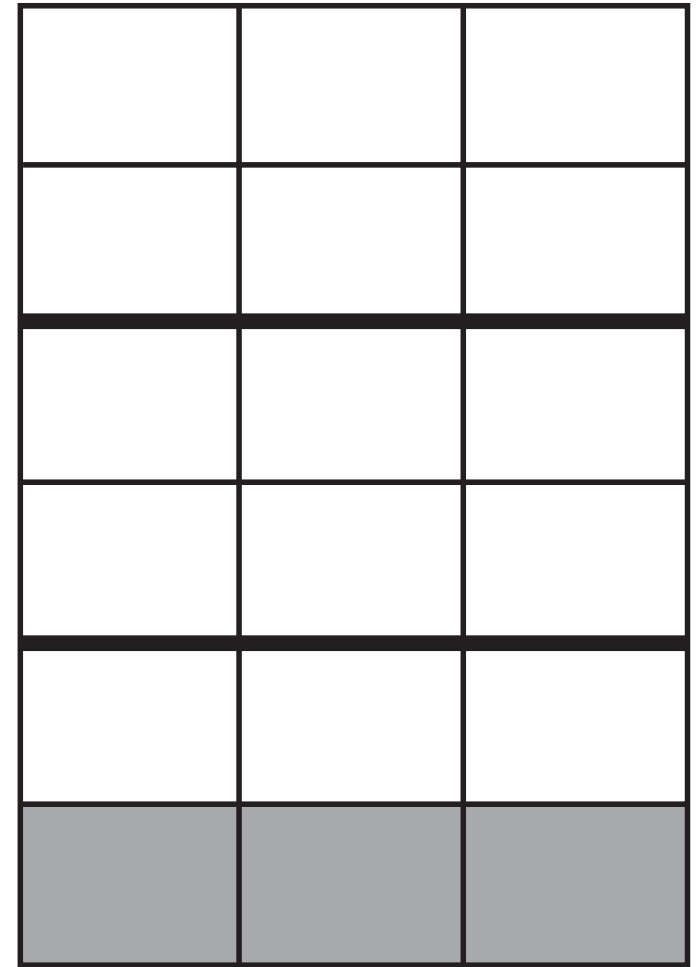
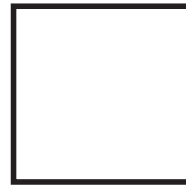
$$40 \text{ m} \div \square = \triangle \text{ m}$$

$$\triangle \text{ m} \times \text{semicircle} = \text{trapezium} \text{ m}$$

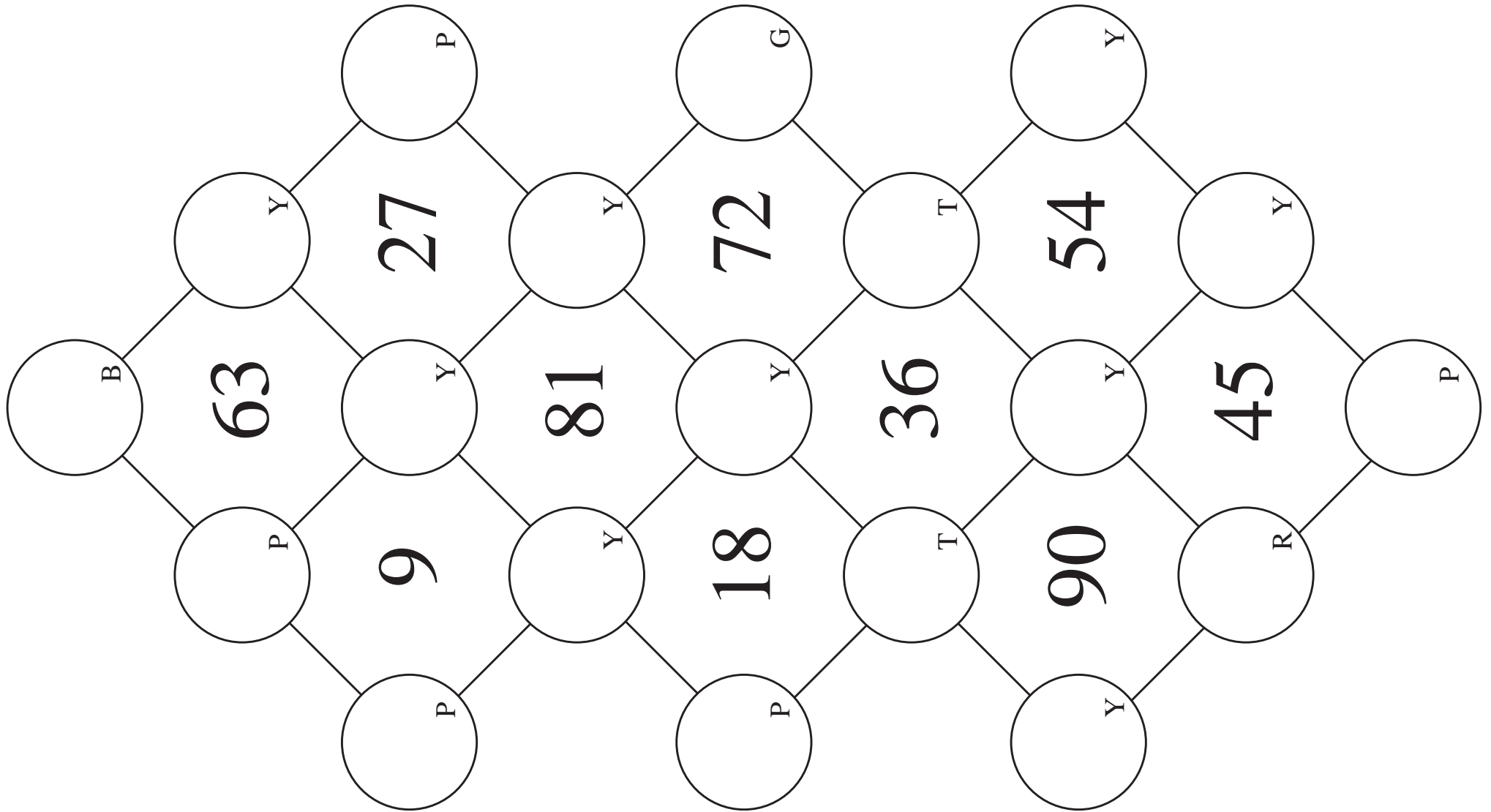
LP 144/8



1 third of a half






1 half of a third



27	4	3	25	11	23
10	9	29	5	24	28

✂ LP 146/2

Number of 	10	8	11	15	18	7	16		
 each	5							6	8
 remaining	0							1	0

$12 = 3 \times \square + \triangle$	$13 = 3 \times \square + \triangle$	$14 = 3 \times \square + \triangle$

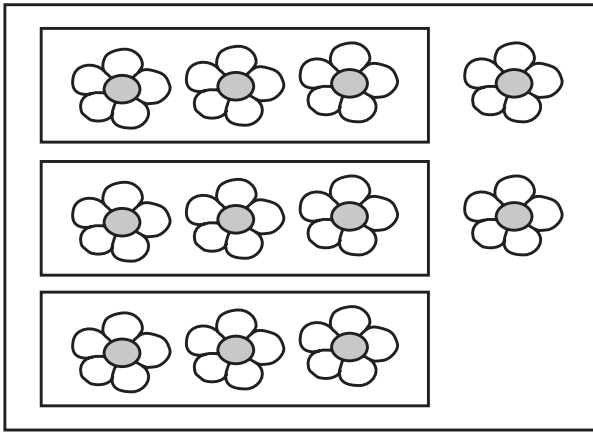
LP 146/4



0	1	2	3
4	5	6	7
8	9	10	11
12	13	14	15
16	17	18	19
20	21	22	23
24	25	26	27
28	29	30	31
32	33	34	35
36	37	38	39
40	41	42	43

0	1	2
3	4	5
6	7	8
9	10	11
12	13	14
15	16	17
18	19	20
21	22	23
24	25	26
27	28	29
30	31	32

a)

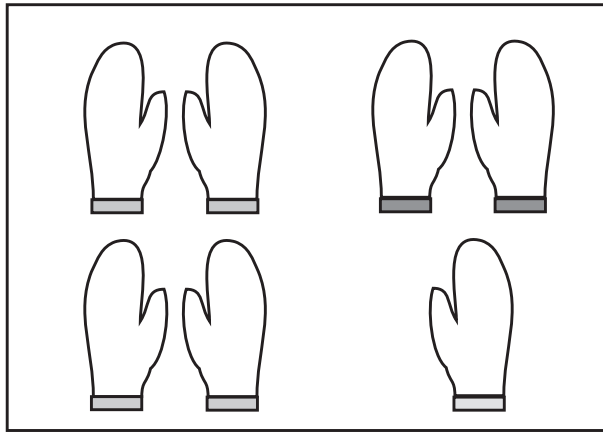


.....

.....

.....

b)

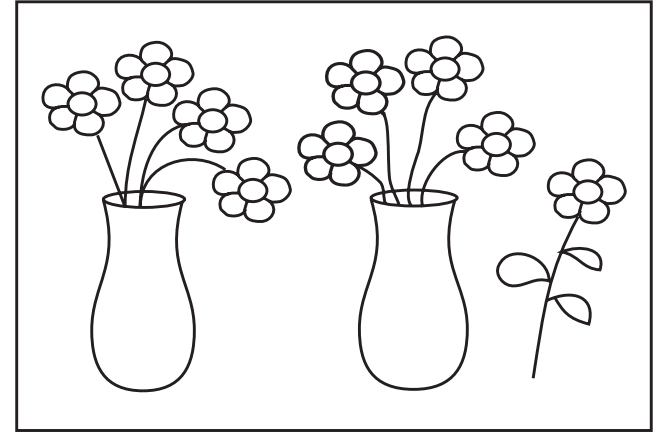


.....

.....

.....

c)

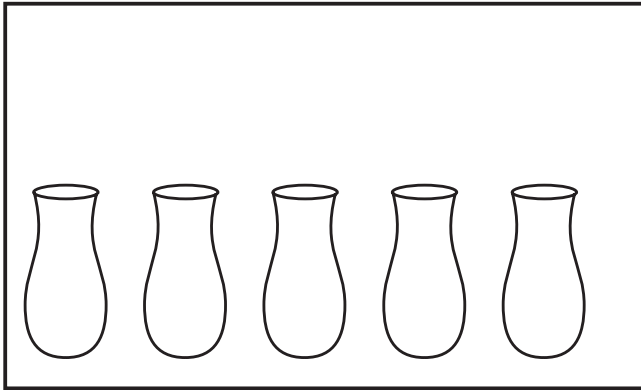


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.....

.....

a) 13 flowers

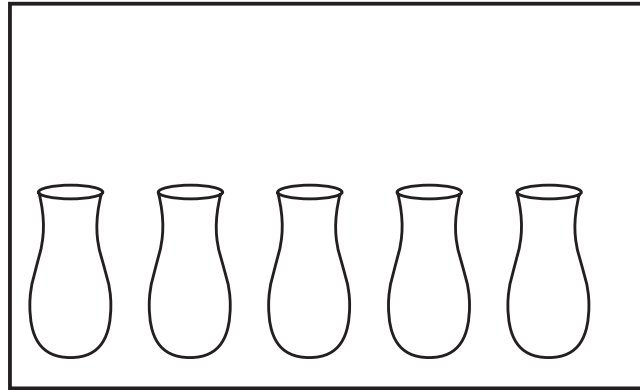


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.....

.....

b) 14 flowers

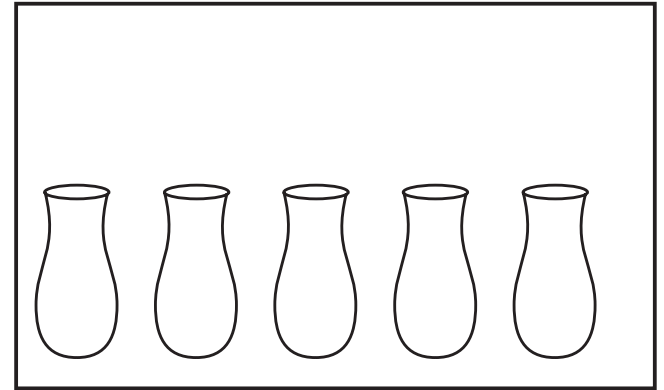


.....

.....

.....

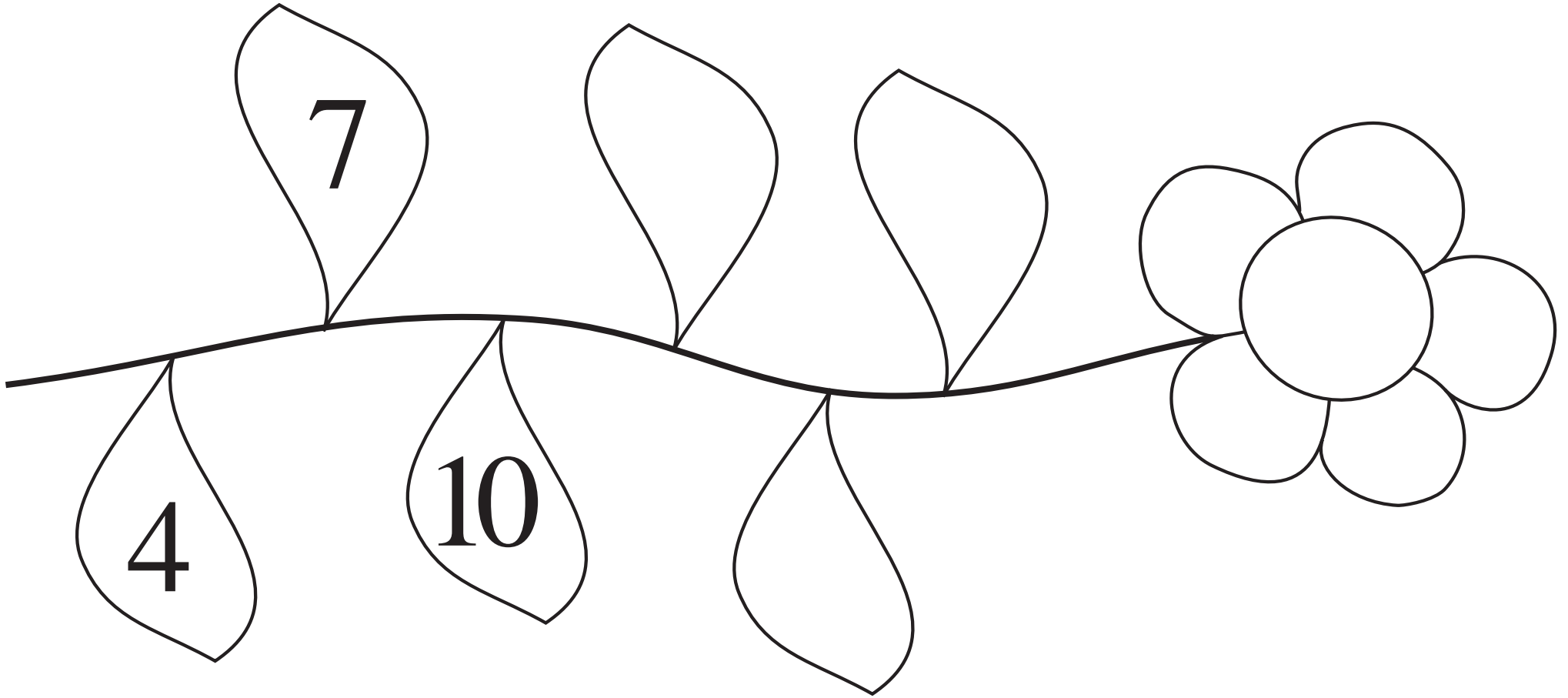
c) 15 flowers



.....

.....

.....



a) $3 \times 5 + 1 = \square$

b) $3 \times 5 + 4 = \square$

c) $\square \times 5 + \square = 18$



$\square \div 5 = \square$




 remainder \square

$\square \div 5 = \square$

 remainder \square

$18 \div 5 = \square$

 remainder \square

Number of 	35	35	35	35	35	35	35	35	35	35
 per hutch	2	3	4	5	6	7	8	9	10	
hutches										
 remaining										

LP 148/5

2	3	4	5	6	7	8	9	10	11	12	13	14	15

LP 148/7

Number of

Children	24	25	26	27	28	29	30
Full carriages							
Children remaining							

LP 149/2

Year

Months

	<i>Jan</i>	<i>Feb</i>	<i>Mar</i>	<i>Apr</i>	<i>May</i>	<i>Jun</i>	<i>Jul</i>	<i>Aug</i>	<i>Sep</i>	<i>Oct</i>	<i>Nov</i>	<i>Dec</i>
Number of days												
Number of weeks												
plus extra days												

LP 149/5

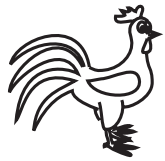
$$= 8$$

$$= 50$$

$$= 100$$

$$\begin{array}{ccc} = & = & = \\ 20 & 50 & 40 \end{array}$$

Number of



12

10

2



10

Calculations:

.....

.....

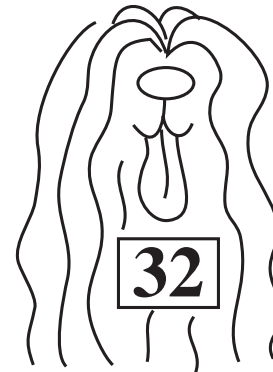
LP 151/3

$$9 \times 5 + 4$$

$$8 \times 4$$

$$100 - 68$$

$$(36 - 20) \times 2$$

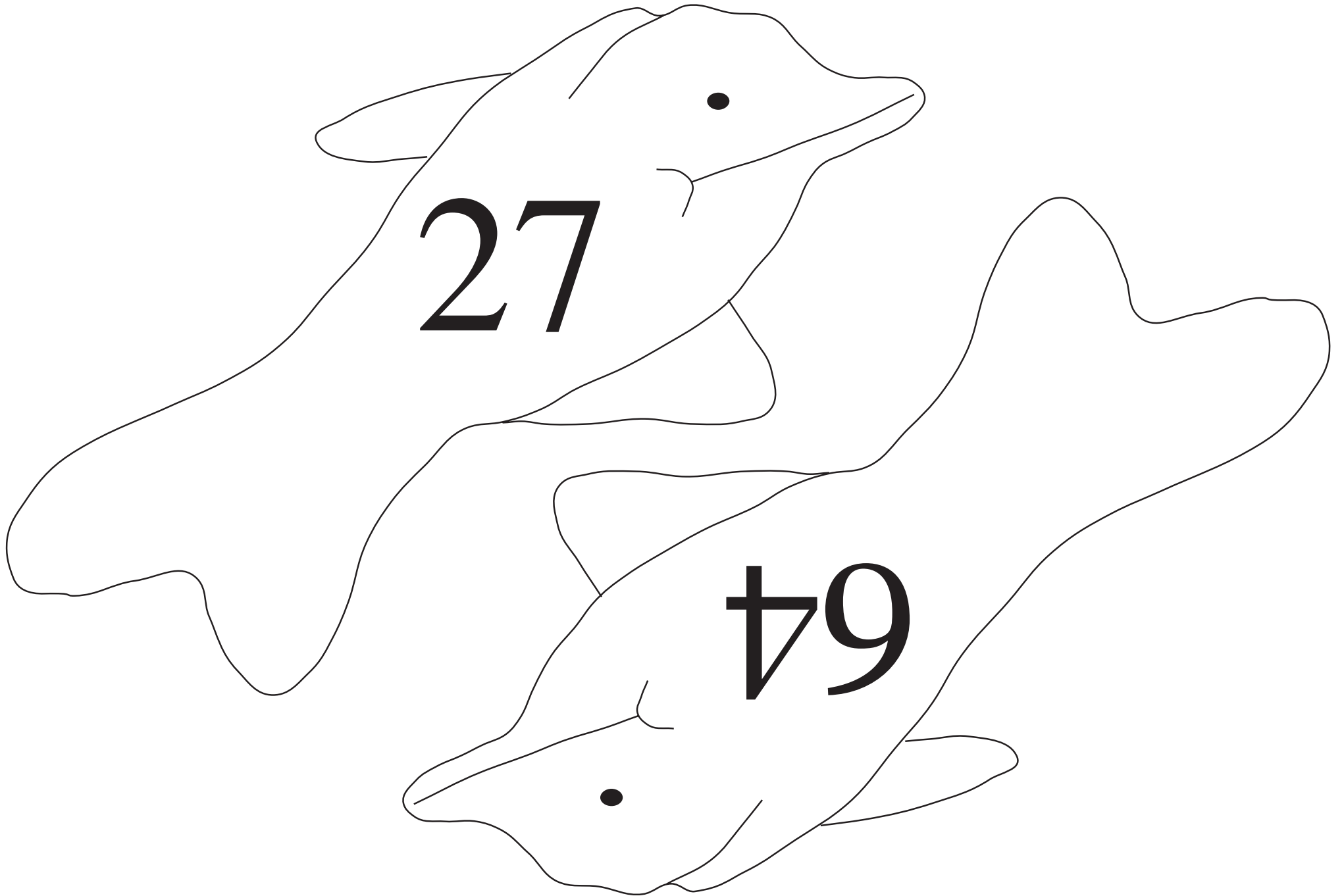


$$2 \times 12 + 8$$

$$100 - 51$$

$$16 \times 2$$

$$8 \times 6 + 1$$



a) $40 \square 4 \square 5 = 2$


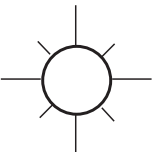

$40 \square 4 \square 5 = 15$

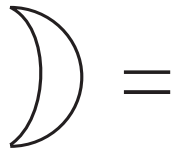
$40 \square 4 \square 5 = 60$

b) $40 \square 4 \square 5 = 49$

$40 \square 4 \square 5 = 50$

$40 \square 4 \square 5 = 31$

	5	6	1	7				8	1	
	4	3	4	1	3	2	9		2	
	18	18	10		12	16	20	22		



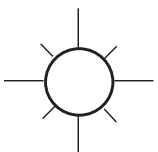
=

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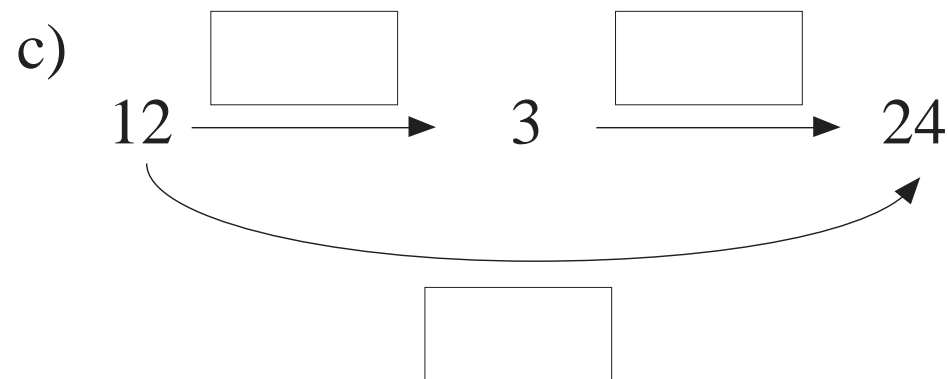
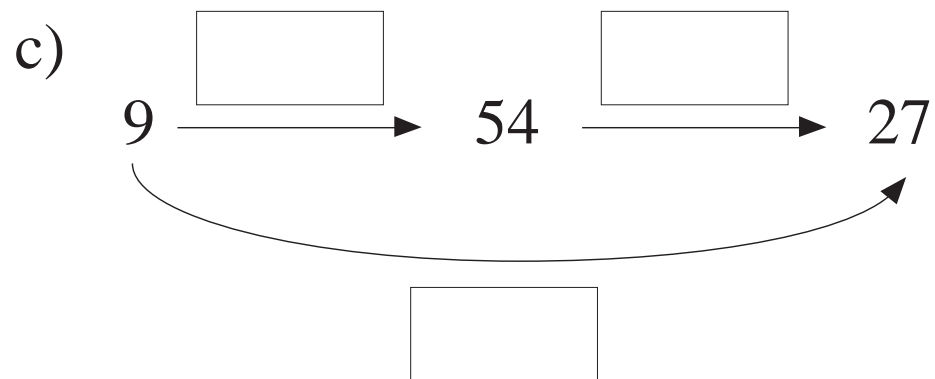
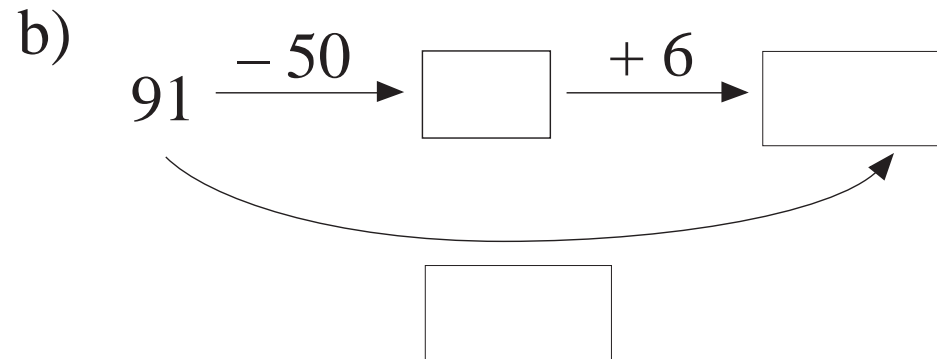
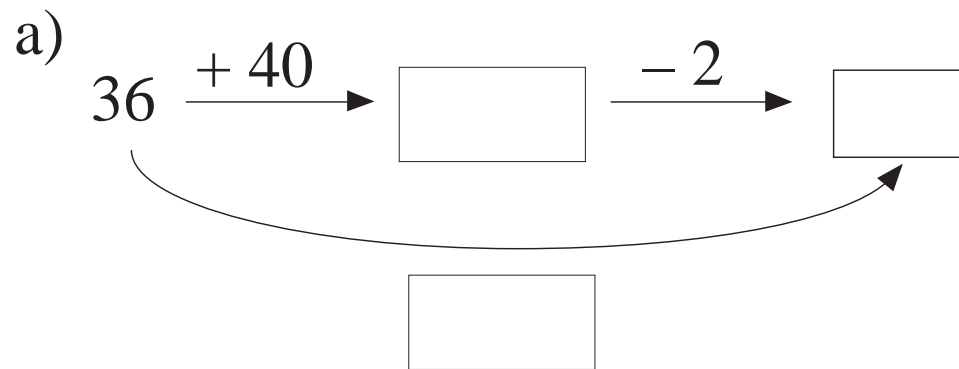
=

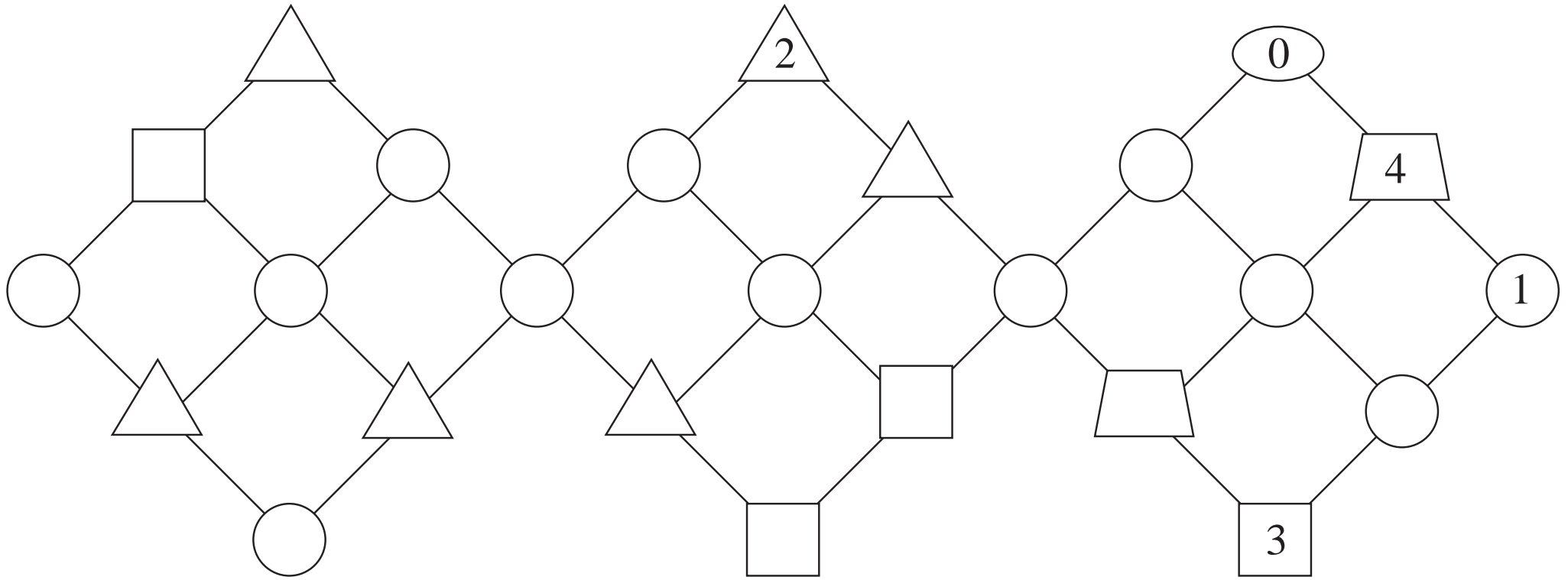
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.....





LP 153/1

Throws

1st 2nd 3rd 4th 5th 6th 7th 8th 9th 10th Total

Heads											
Tails											

LP 153/2



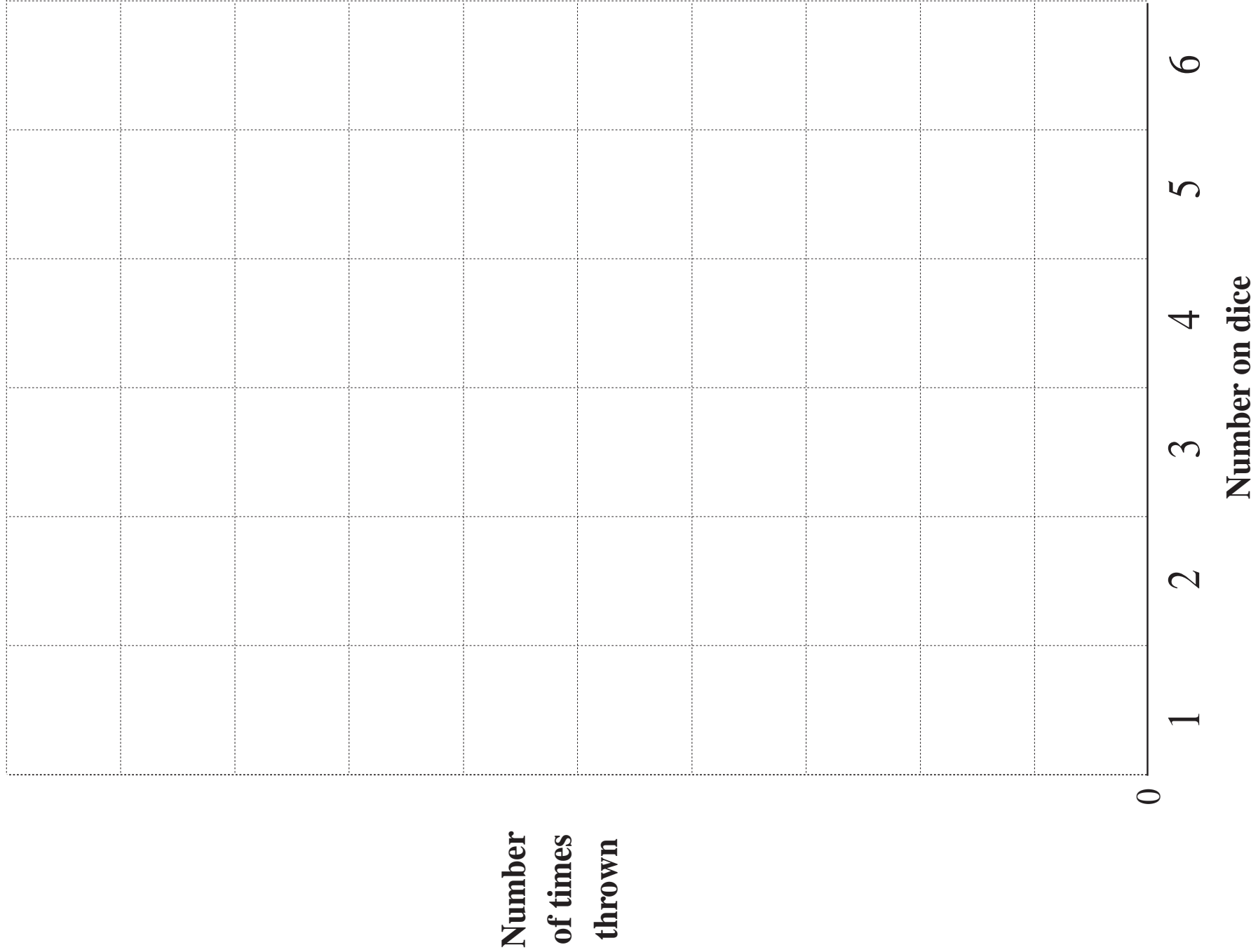
CLASS DATA

Throws






1st *2nd* *3rd* *4th* *5th* *6th* *7th* *8th* *9th* *10th* **Total**

• 1											
• • 2											
• • • 3											
• • • • 4											
• • • • • 5											
• • • • • • 6											

Bar Chart



Certain	Certain
Possible but not certain	Possible but not certain
Impossible	Impossible

 taken home	8	24	40			16		80		64
 per baby 	2			8						
 per baby 	1				6		7		9	

LP 156/2



A

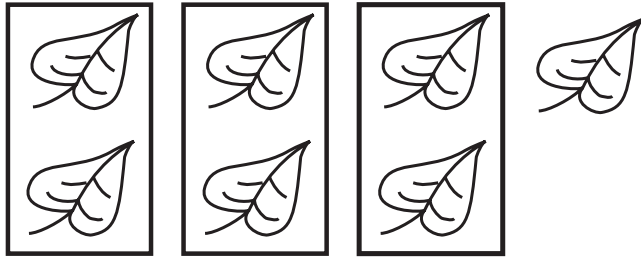
B

C

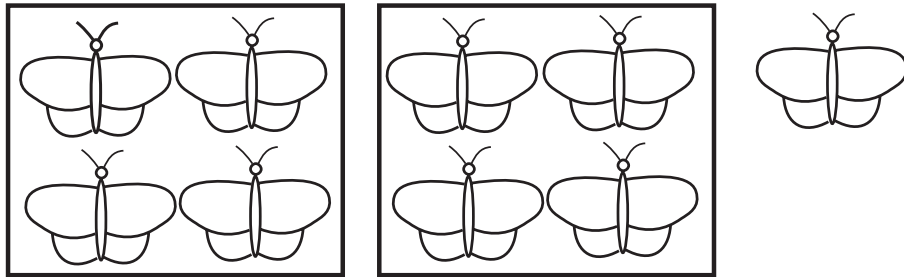
D

LP 156/5

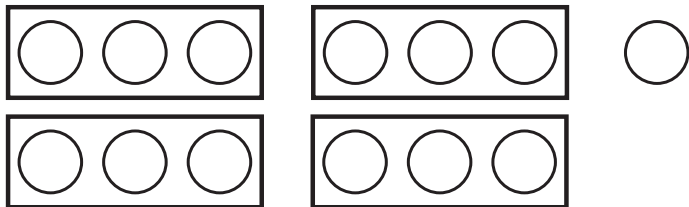
a)



b)

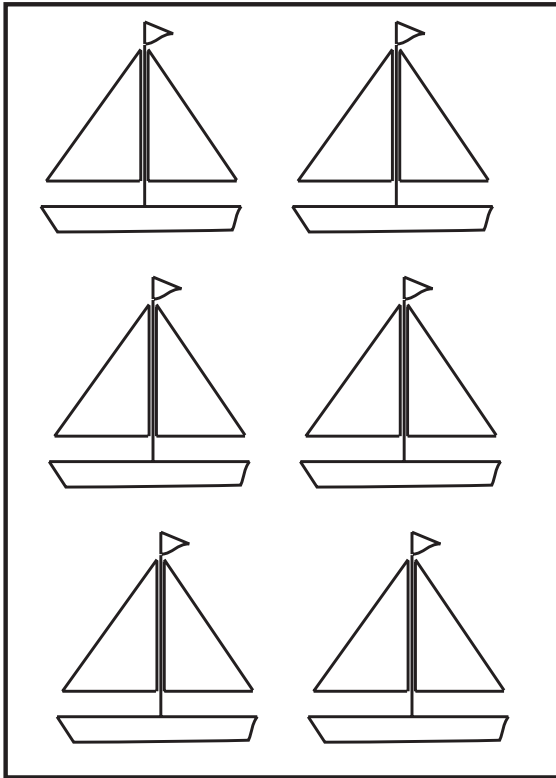


c)



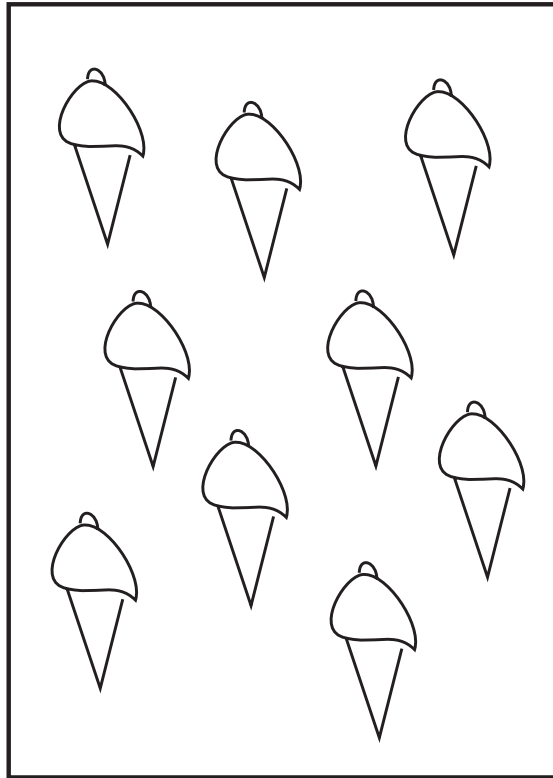
a)

1 half



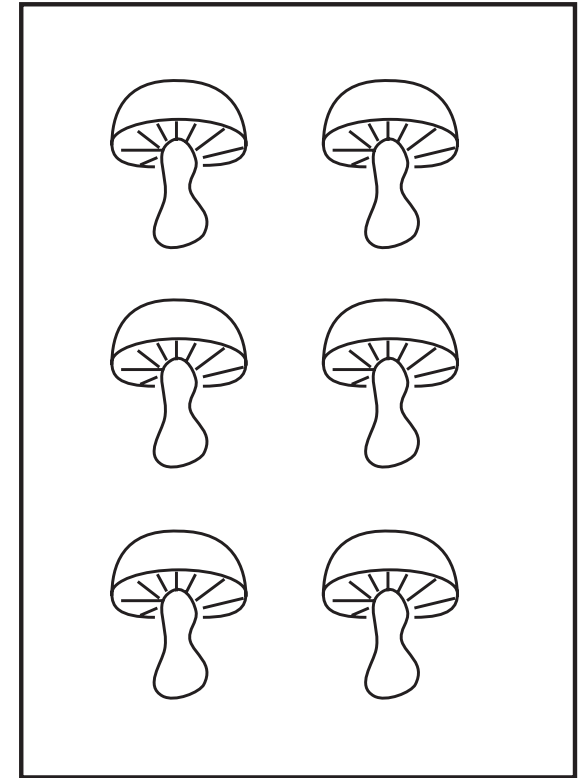
b)

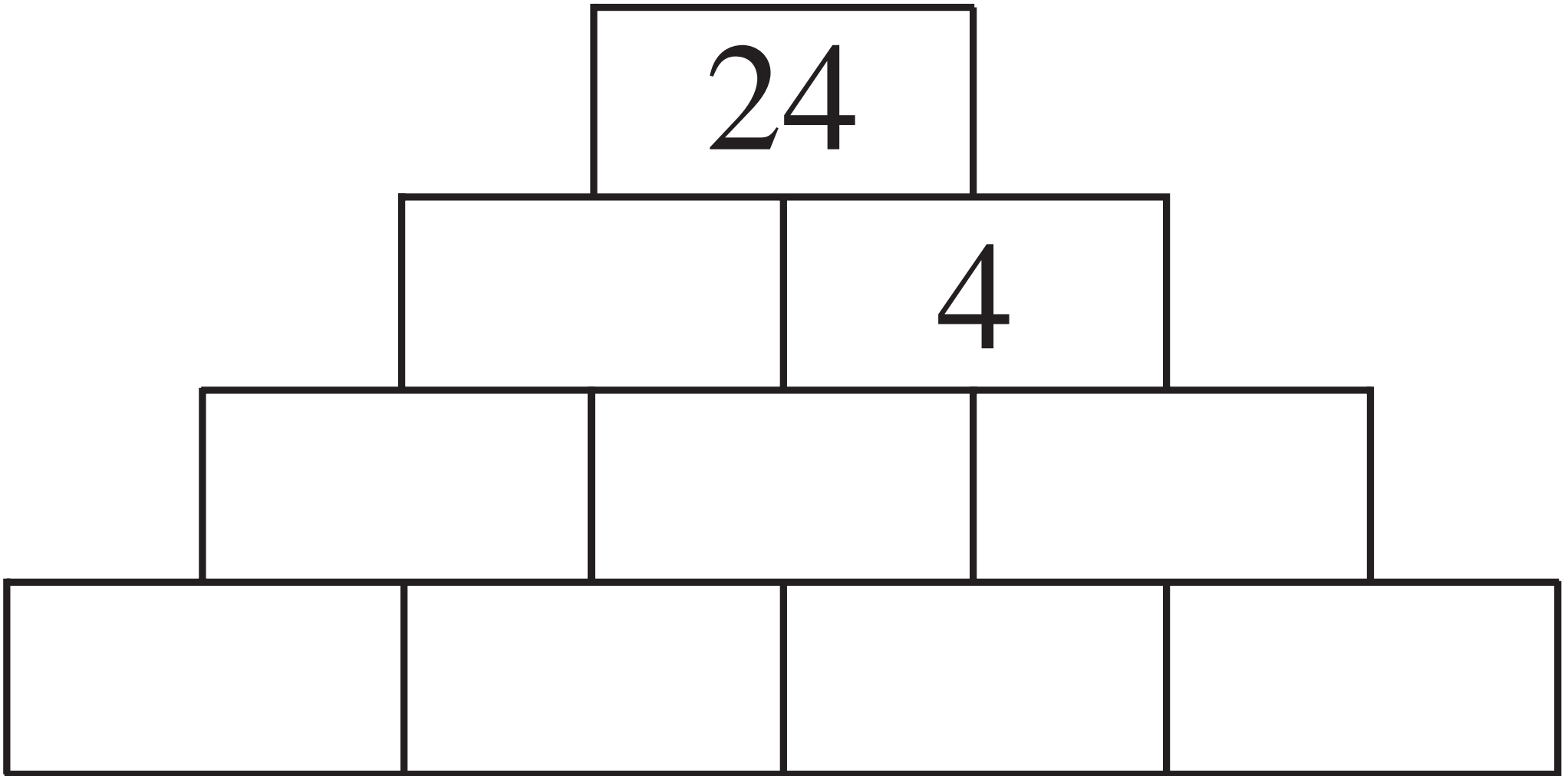
1 third



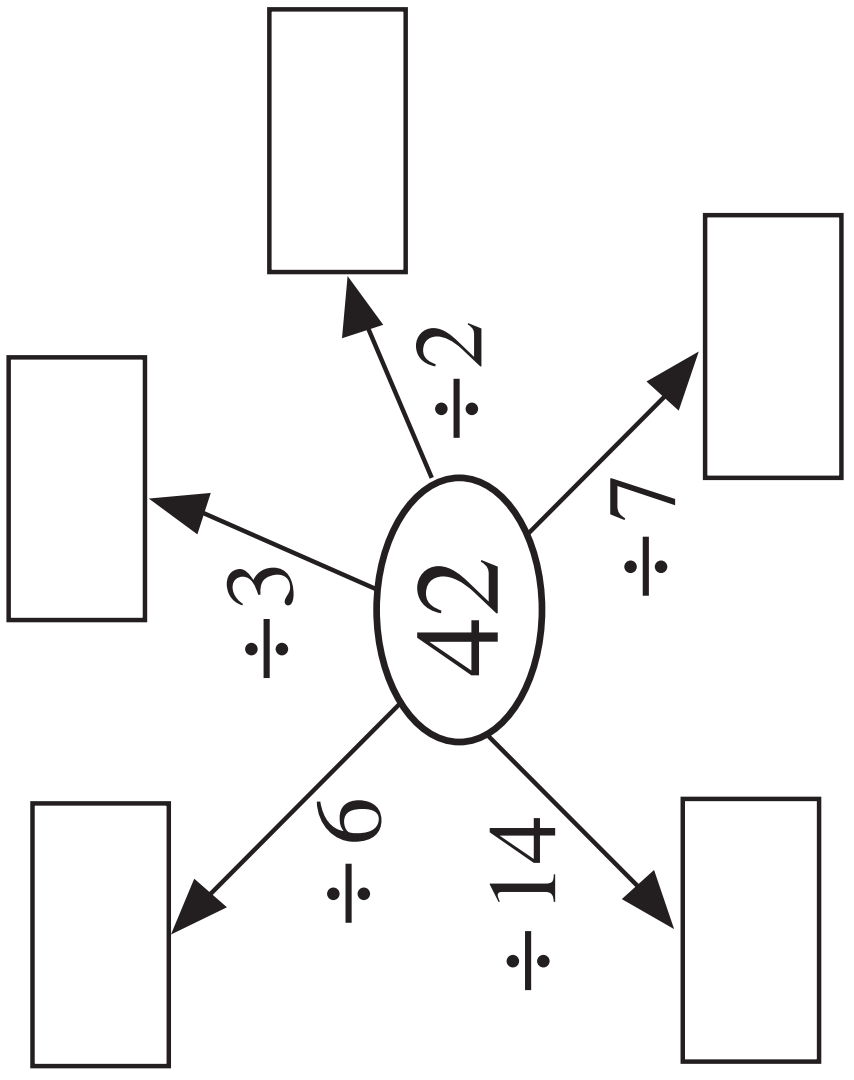
c)

4 sixths

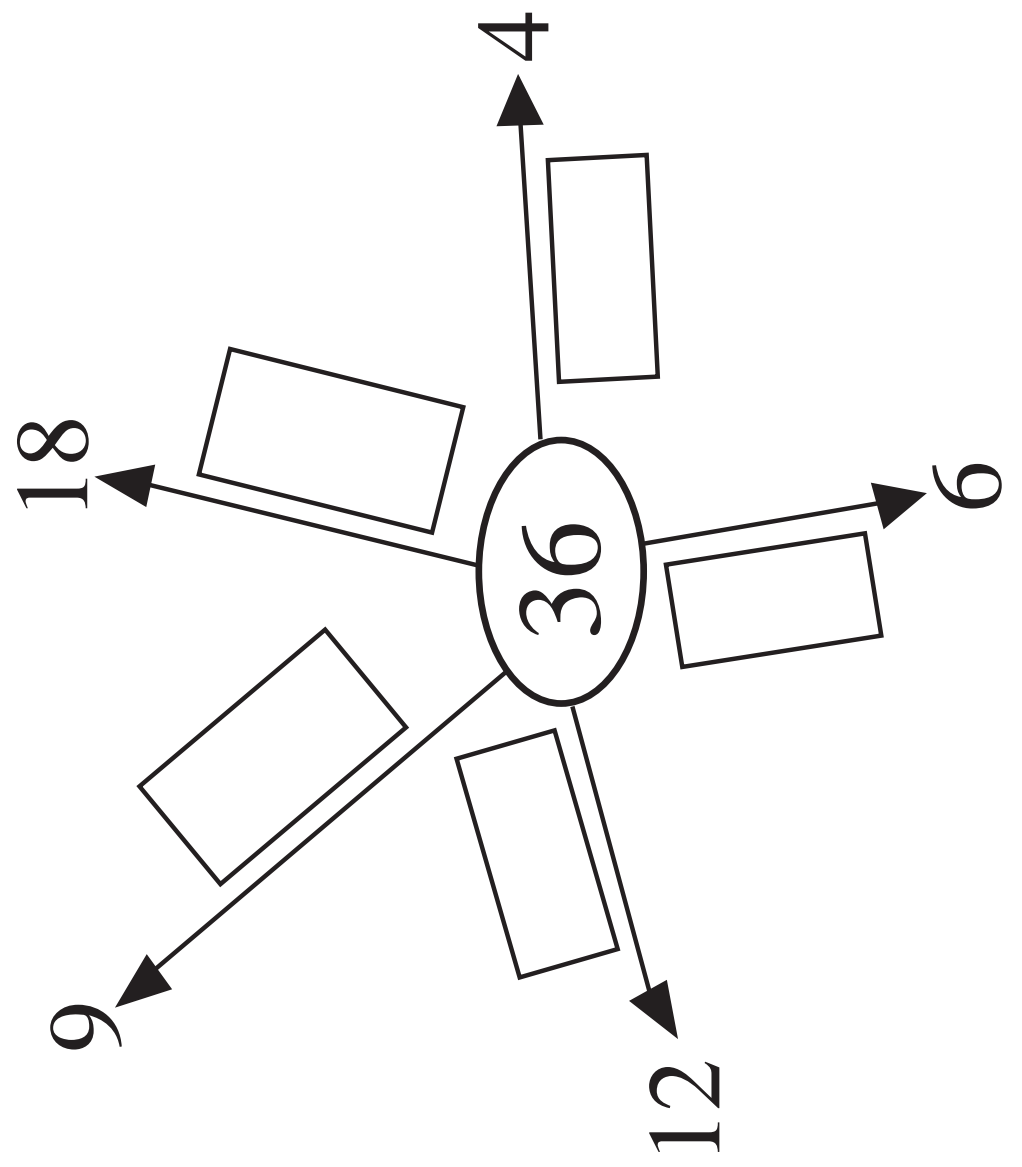




a)



b)



a) $17 \div 2 =$
remainder
Check

$22 \div 2 =$
remainder
Check

$14 \div 2 =$
remainder
Check

b) $28 \div 3 =$
remainder
Check

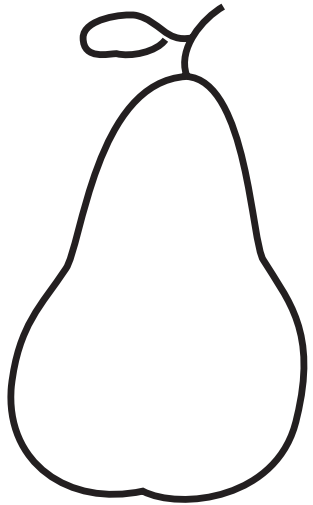
$36 \div 3 =$
remainder
Check

$18 \div 3 =$
remainder
Check

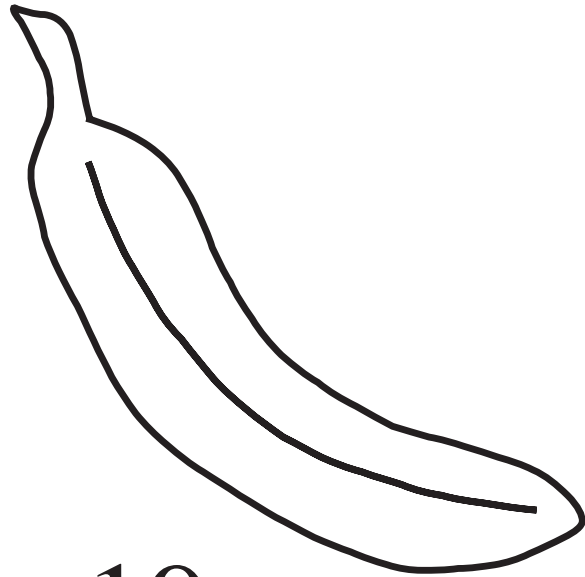
c) $41 \div 4 =$
remainder
Check

$32 \div 4 =$
remainder
Check

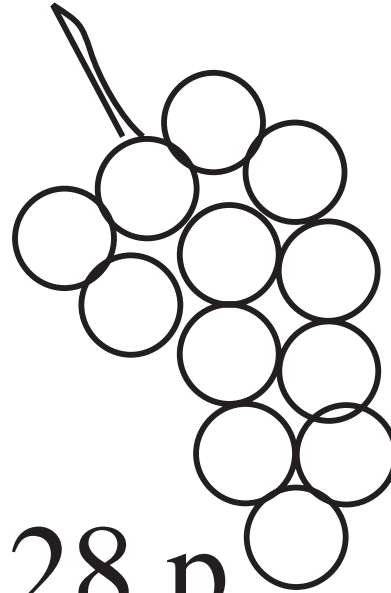
$0 \div 4 =$
remainder
Check



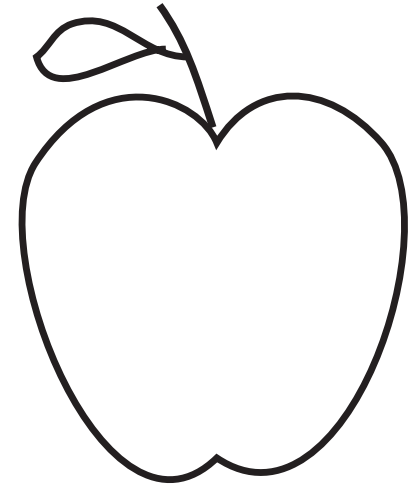
14 p



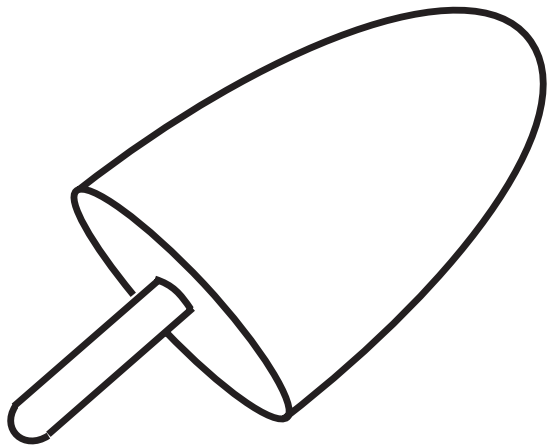
19 p



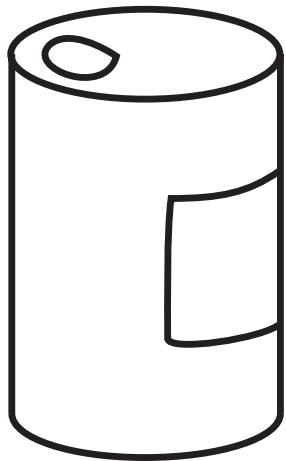
28 p



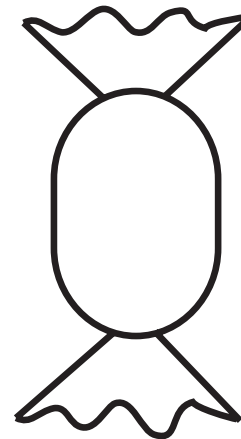
11 p



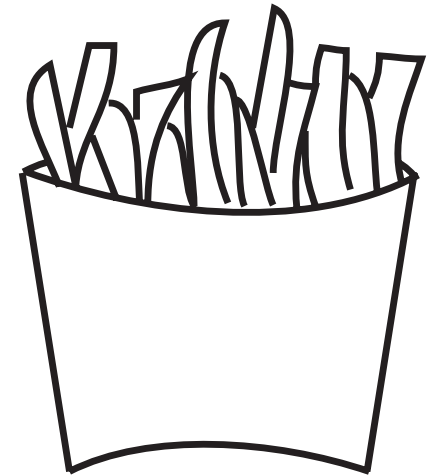
37 p



38 p

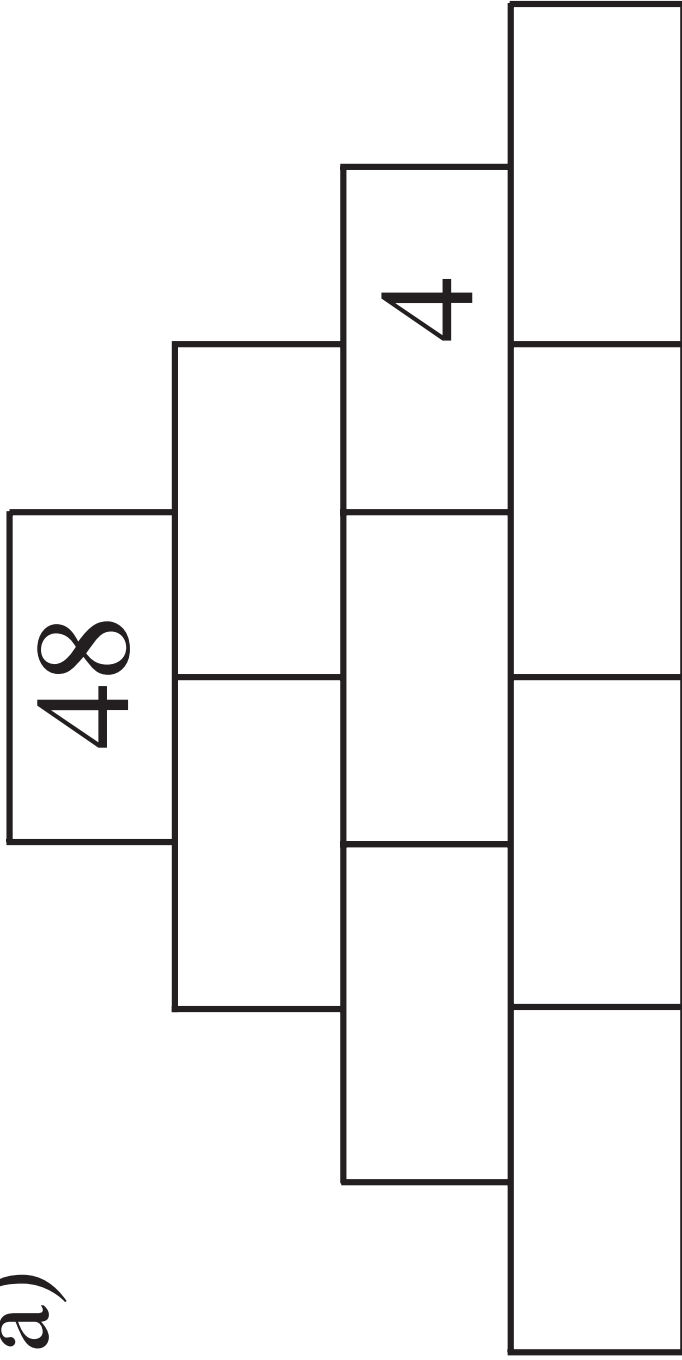


11 p

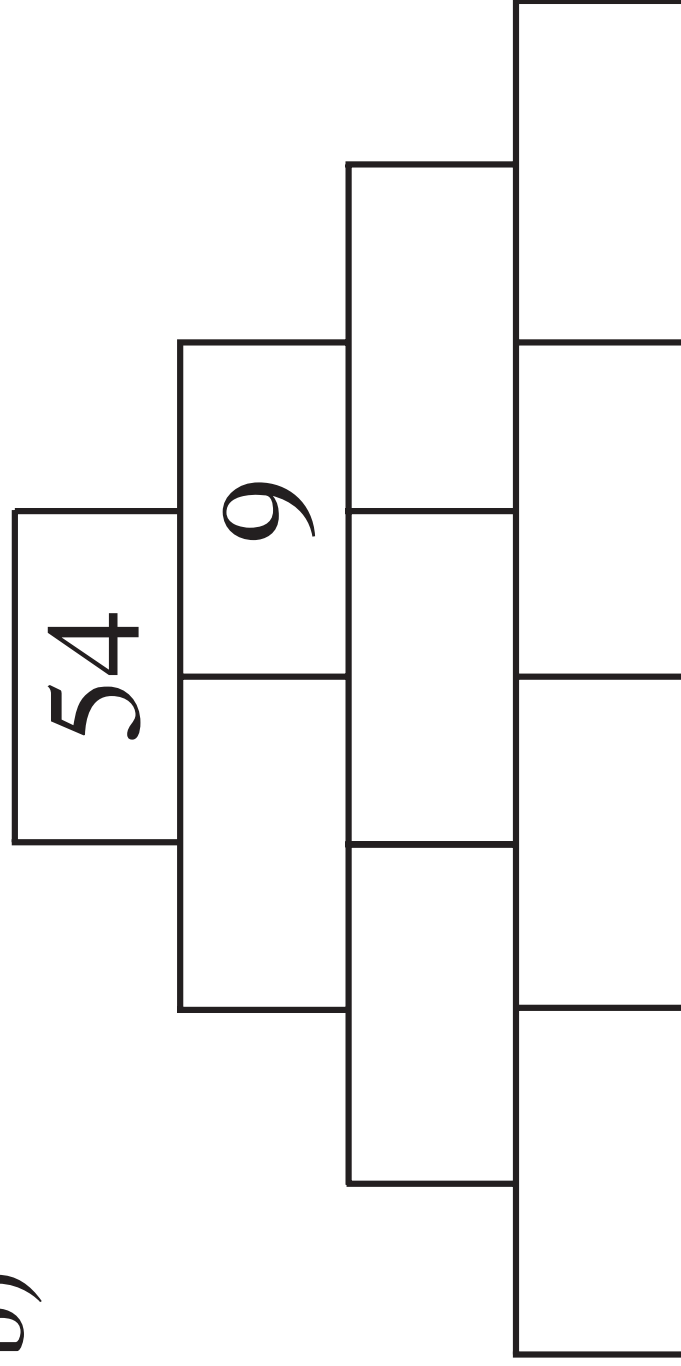


60 p

a)



b)



$$42 \div 6 + 1$$

3 quarters of 12

$$26 \div 2 - 3$$

1 half of 8

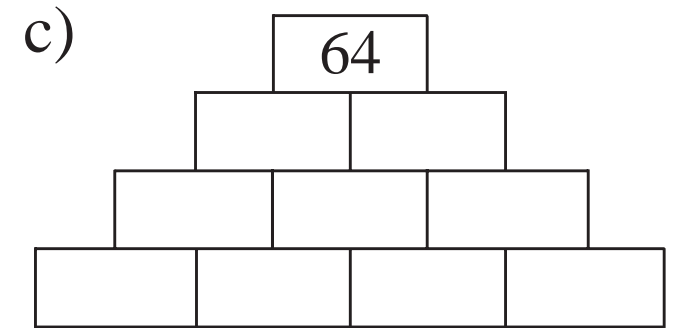
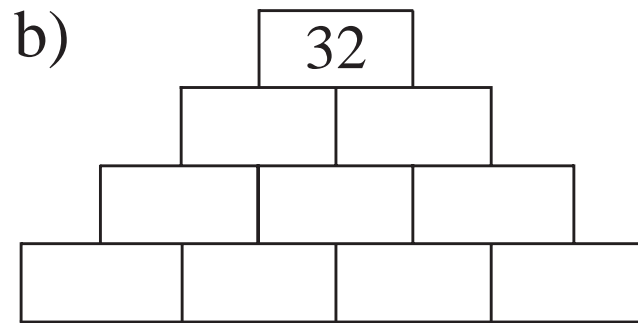
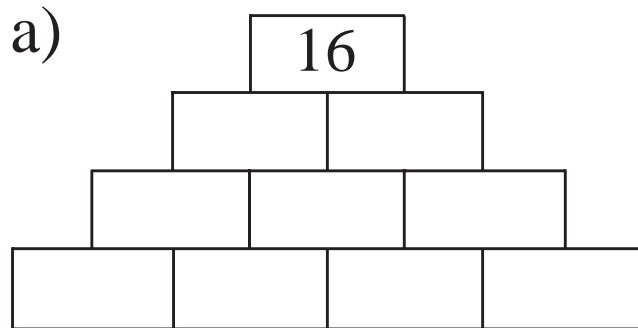
1 quarter of 40

1 third of 24

$$35 \div 7 - 1$$

2 thirds of 15, minus 1

LP 158/3



a) $16 \div 5 =$
remainder
Check

$60 \div 5 =$
remainder
Check

$40 \div 5 =$
remainder
Check

b) $34 \div 6 =$
remainder
Check

$48 \div 6 =$
remainder
Check

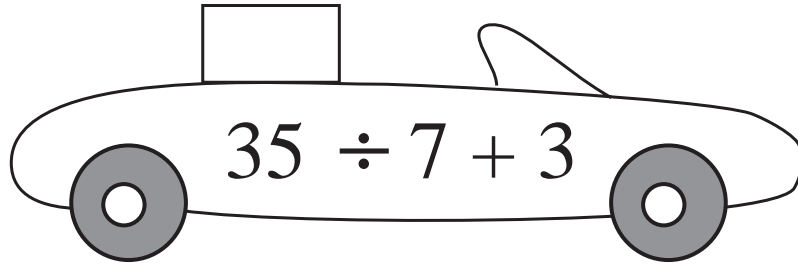
$66 \div 6 =$
remainder
Check

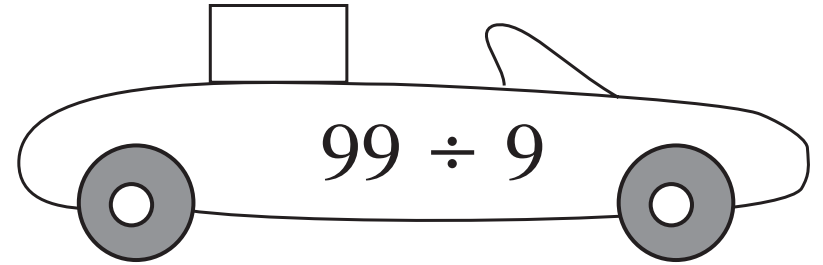
c) $14 \div 7 =$
remainder
Check

$57 \div 7 =$
remainder
Check

$77 \div 7 =$
remainder
Check

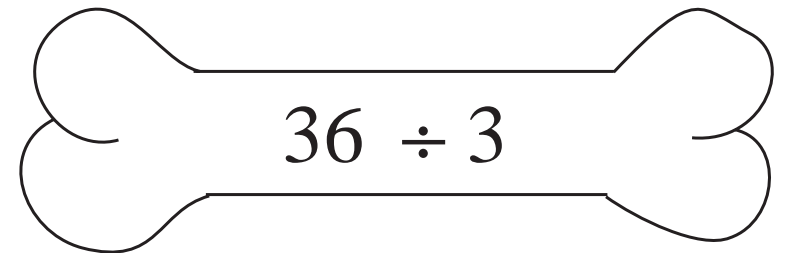
a)



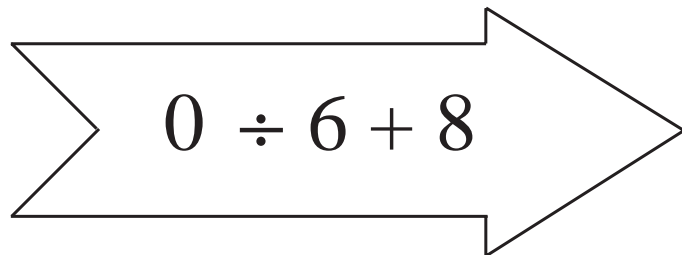


b)





c)





a) $26 \div 8 =$
remainder
Check

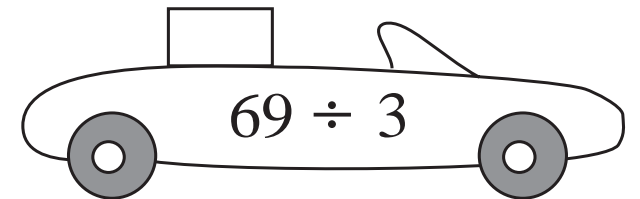
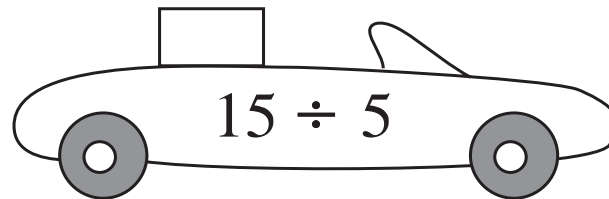
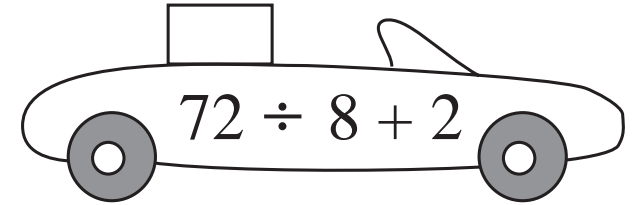
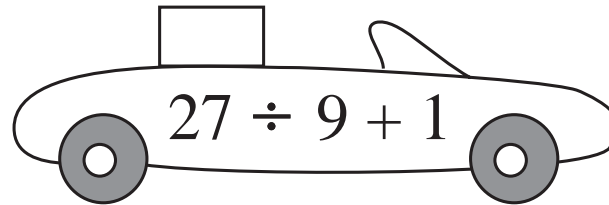
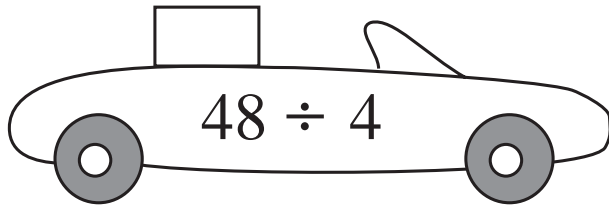
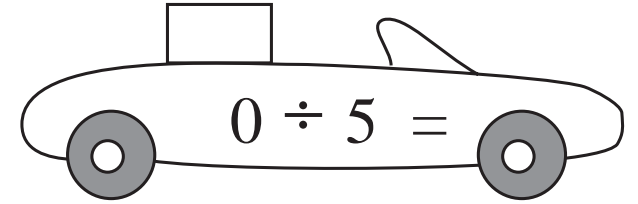
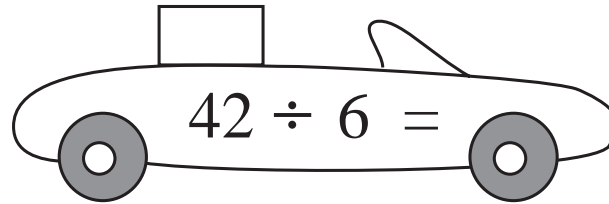
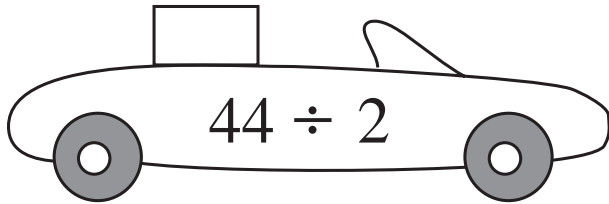
$49 \div 8 =$
remainder
Check

$72 \div 8 =$
remainder
Check

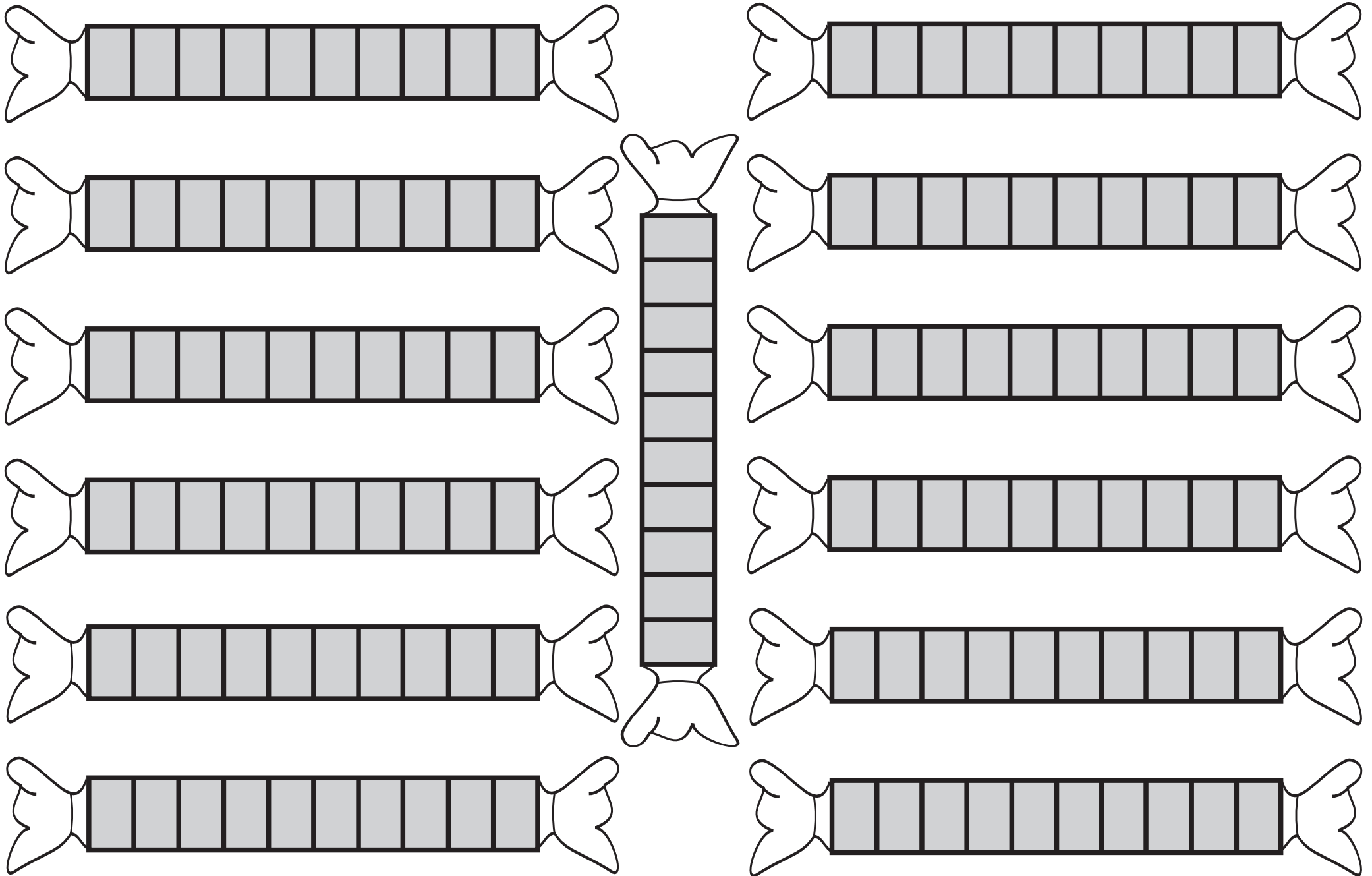
b) $39 \div 9 =$
remainder
Check

$81 \div 9 =$
remainder
Check

$99 \div 9 =$
remainder
Check



..... < < < < < < < <



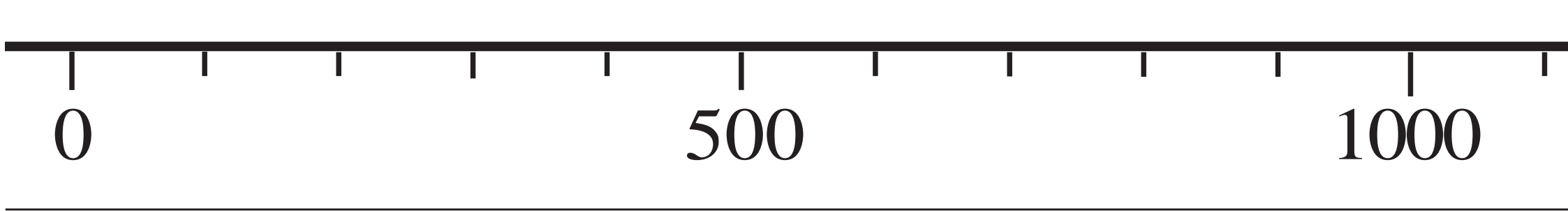
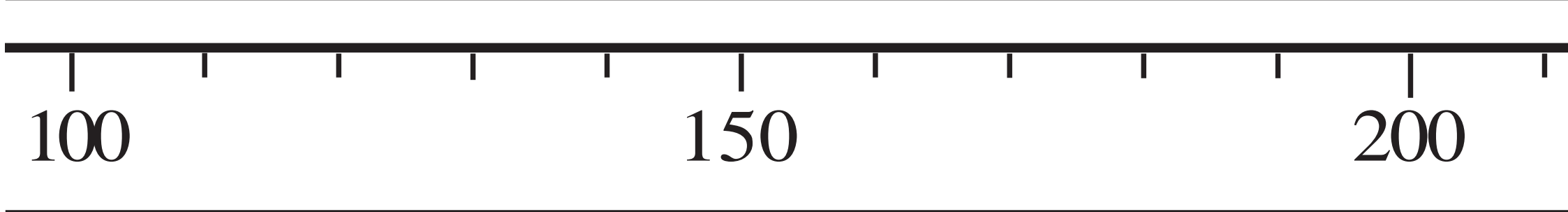
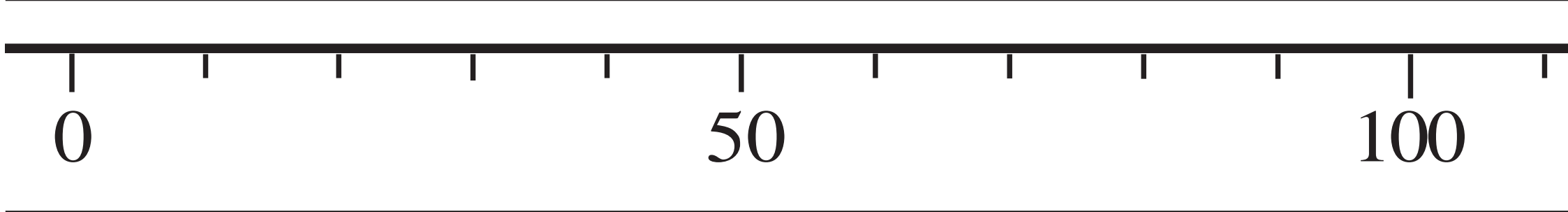
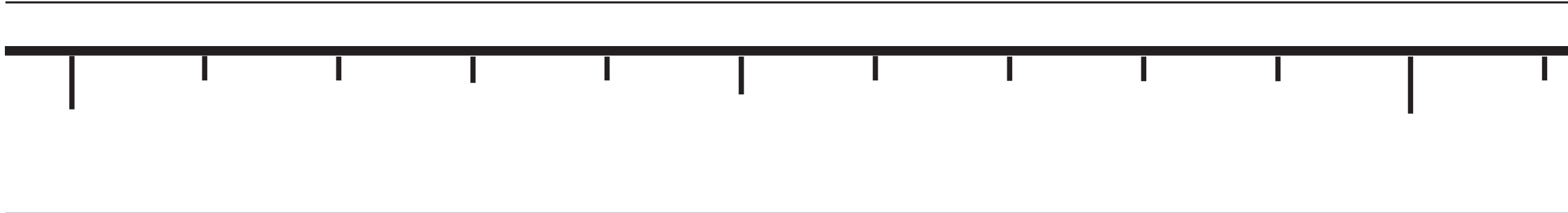
Enlarge, colour, cut out and stick on BB arranged as on Lesson Plan



1	2	3	4	5	6	7	8	9	10
11	12	13	14	15	16	17	18	19	20
21	22	23	24	25					
31									
							49		
				55					
	62								
					76				
81									
								99	



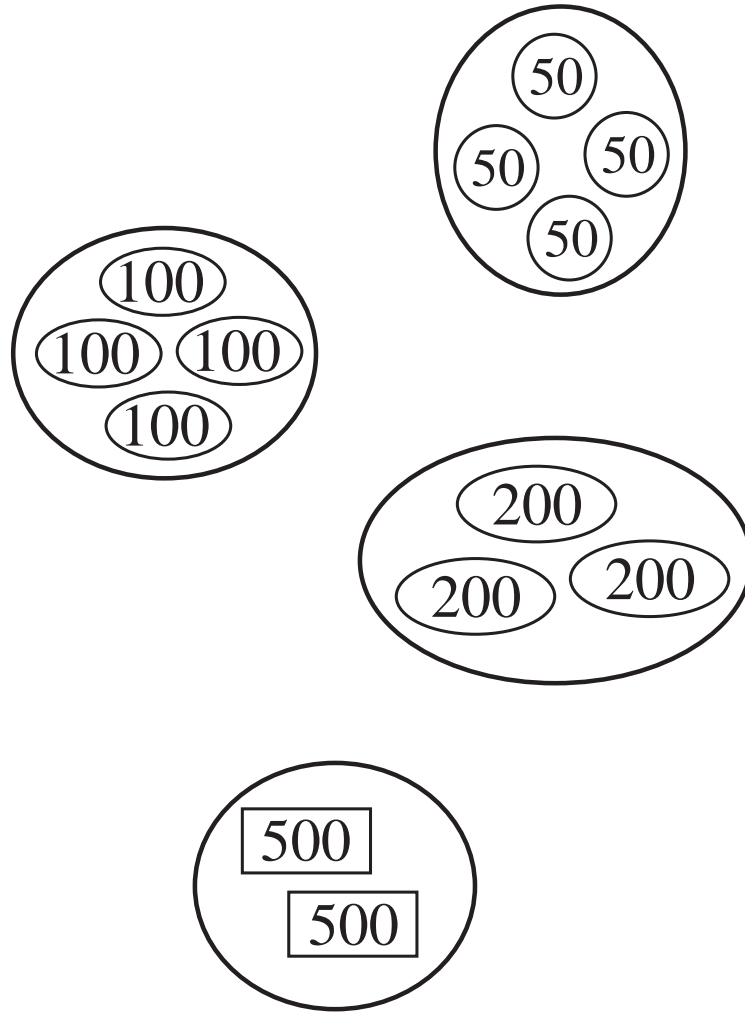
101	102	103				107			
111			114						120
	122							129	
				135					140
						147			
		153			156				
161								169	
									180
							188		
191				195					



Cut along thin lines to make 4 strips

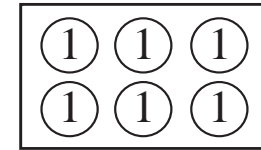
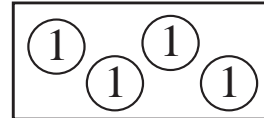
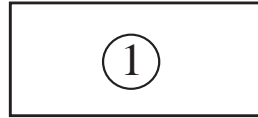
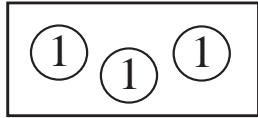


- one hundred
- two hundred
- three hundred
- four hundred
- five hundred
- six hundred
- seven hundred
- eight hundred
- nine hundred
- one thousand

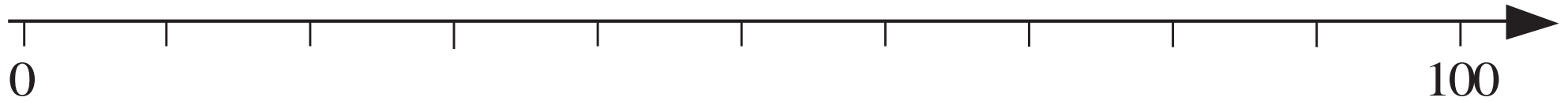
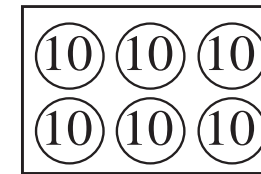
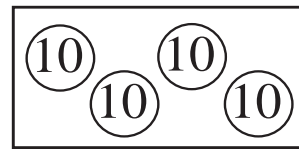
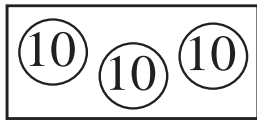


- $1 \times 100 = 100$
- $2 \times 100 = 200$
- $3 \times 100 = 300$
- $4 \times 100 = 400$
- $5 \times 100 = 500$
- $6 \times 100 = 600$
- $7 \times 100 = 700$
- $8 \times 100 = 800$
- $9 \times 100 = 900$
- $10 \times 100 = 1000$

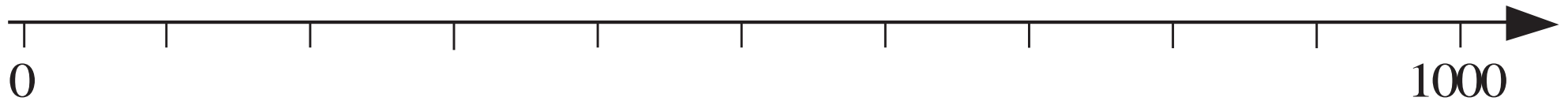
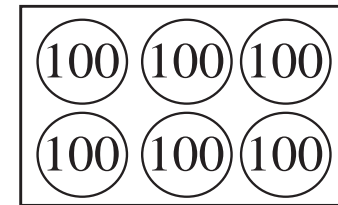
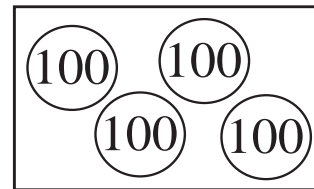
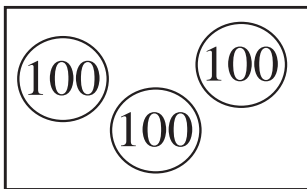
a)



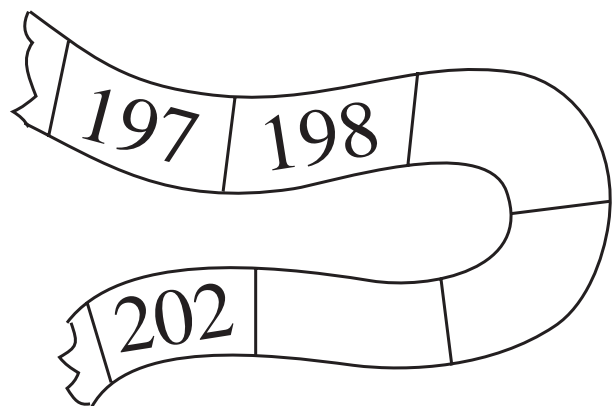
b)



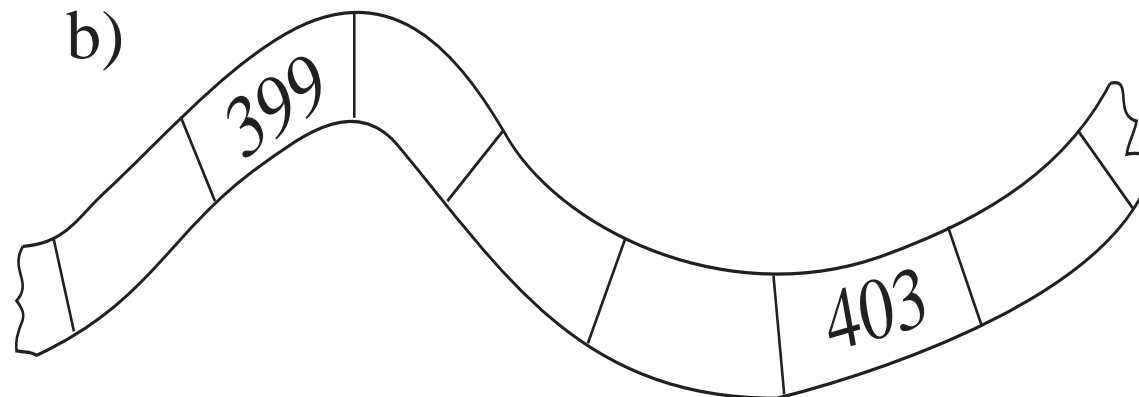
c)



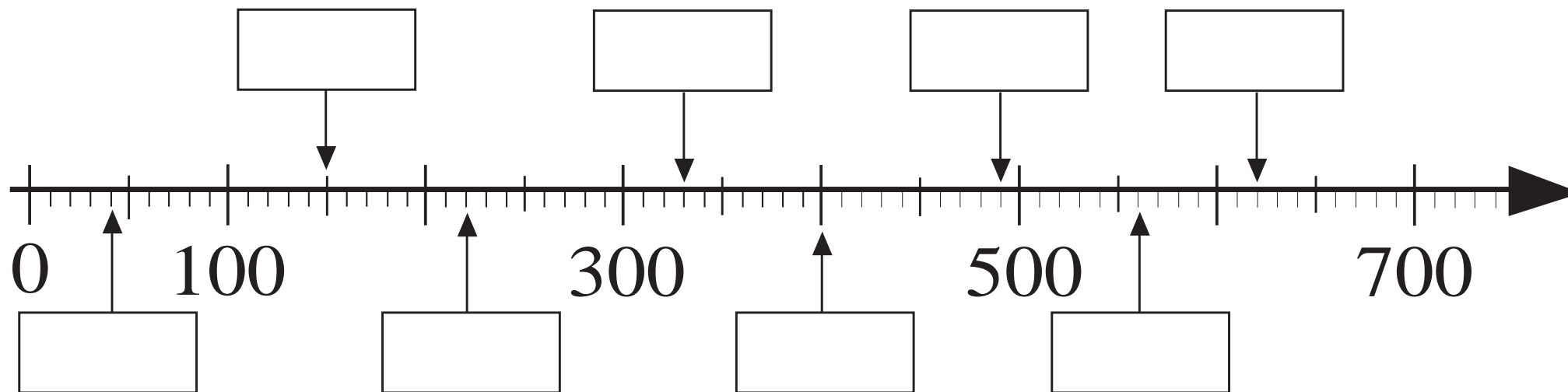
a)



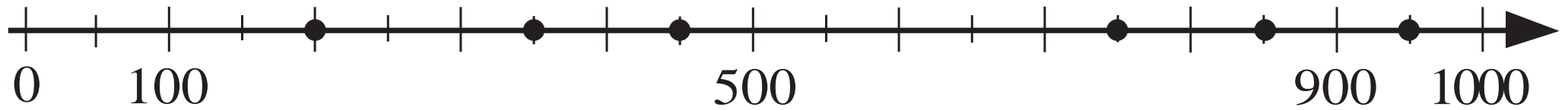
b)



LP 162/1



LP 162/5



$$\boxed{} < 200 < \boxed{}$$

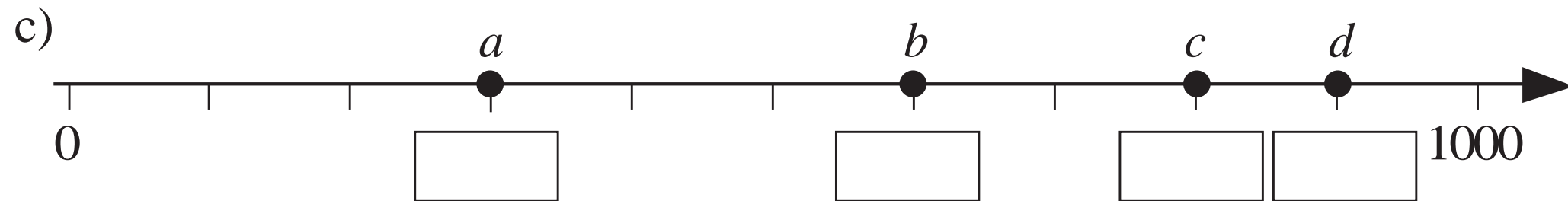
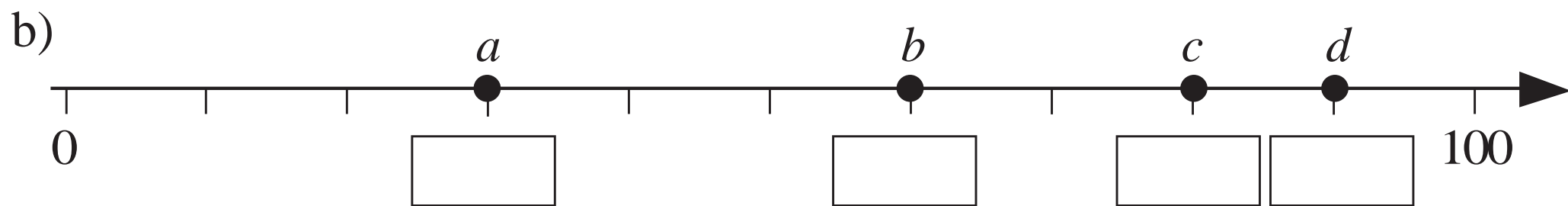
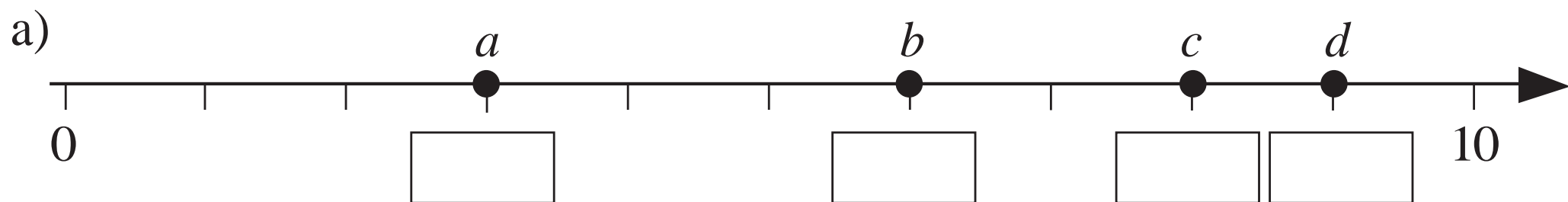
$$\boxed{} < 750 < \boxed{}$$

$$\boxed{} < 350 < \boxed{}$$

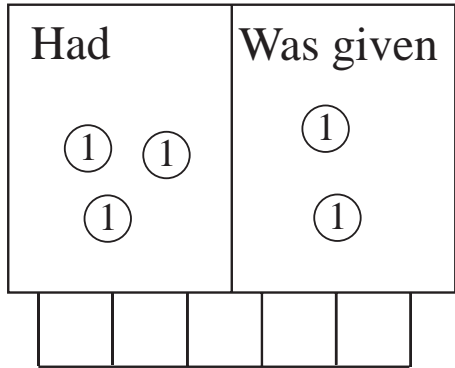
$$\boxed{} < 850 < \boxed{}$$

$$\boxed{} < 450 < \boxed{}$$

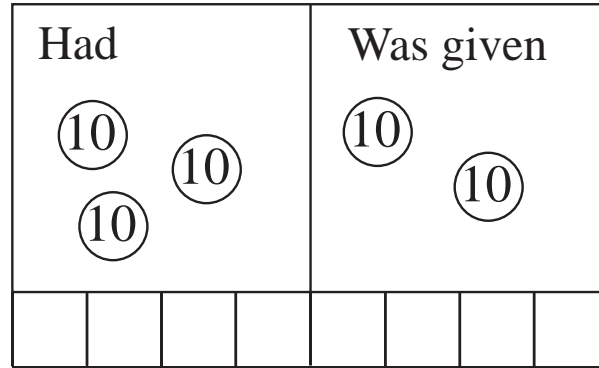
$$\boxed{} < 950 < \boxed{}$$



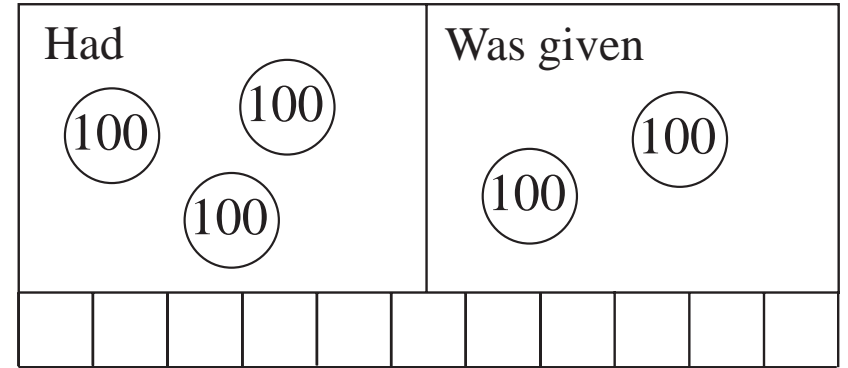
a)



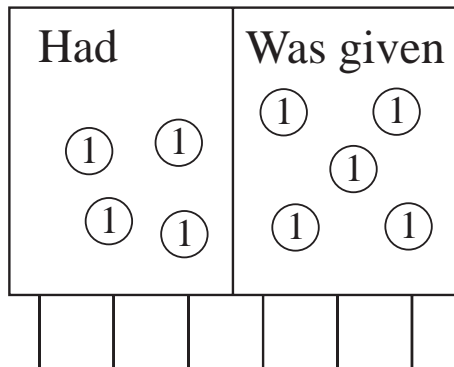
b)



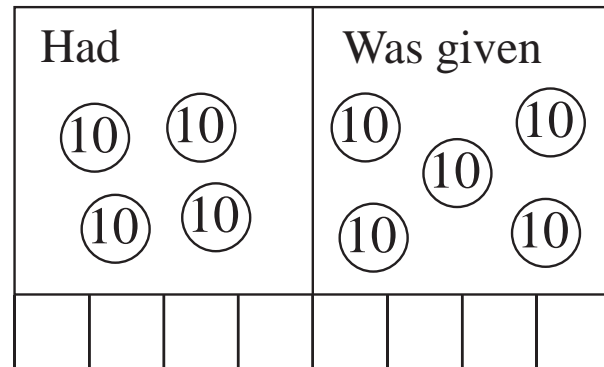
c)



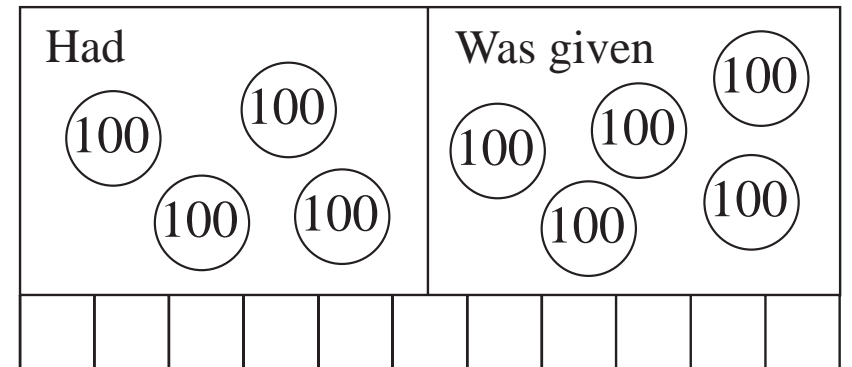
d)

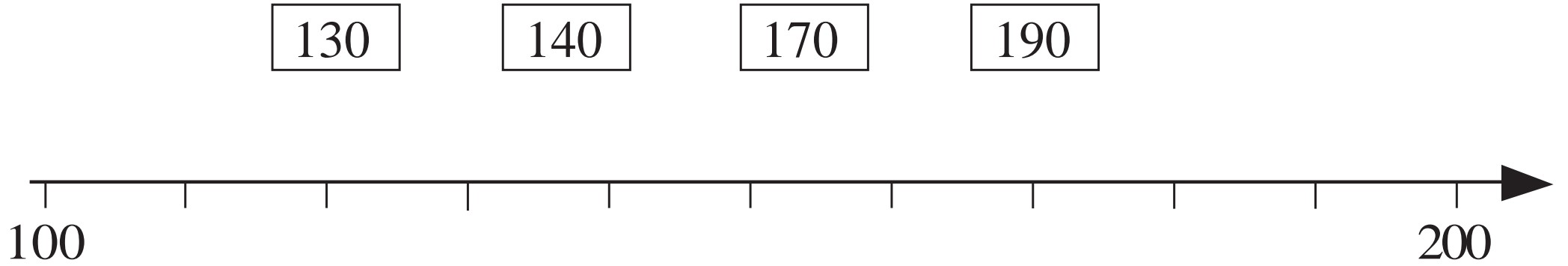


e)

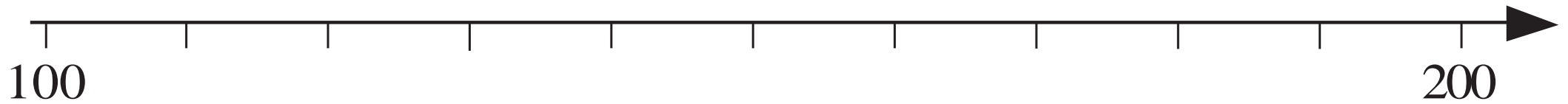
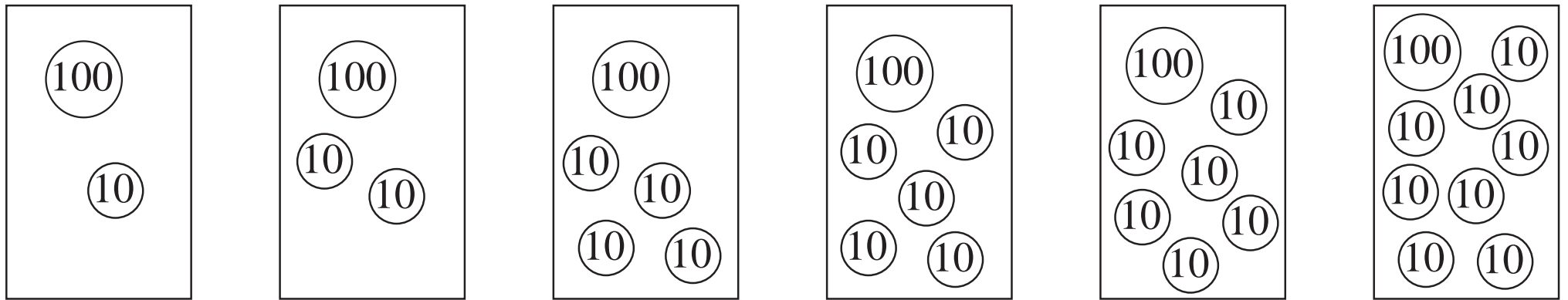


f)

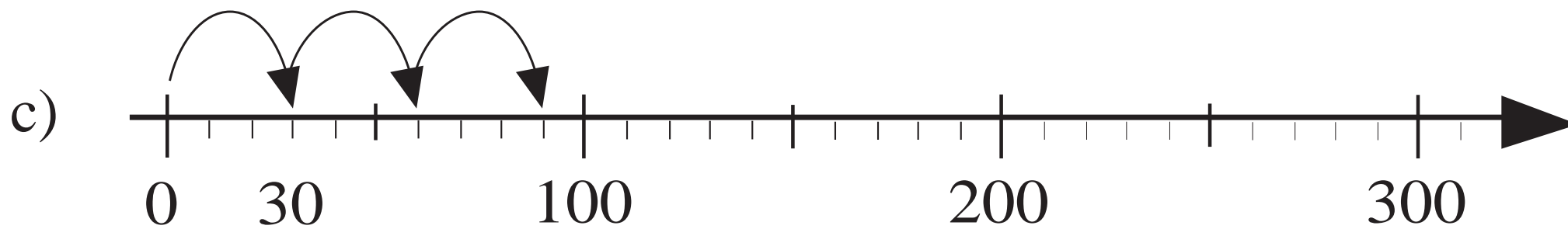
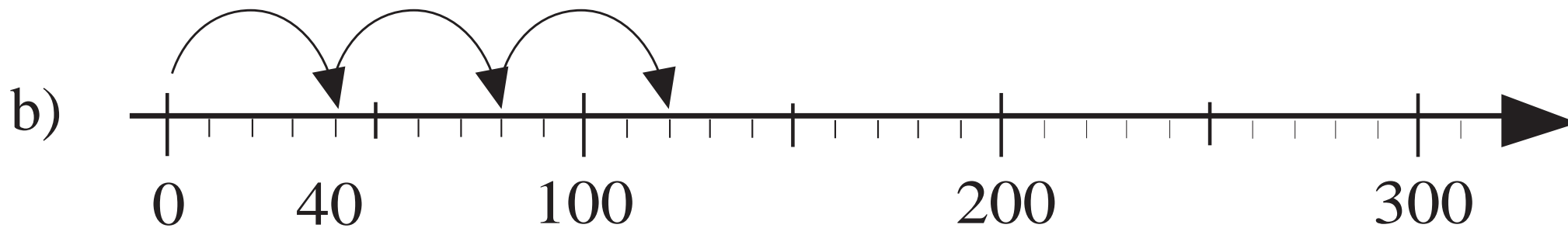
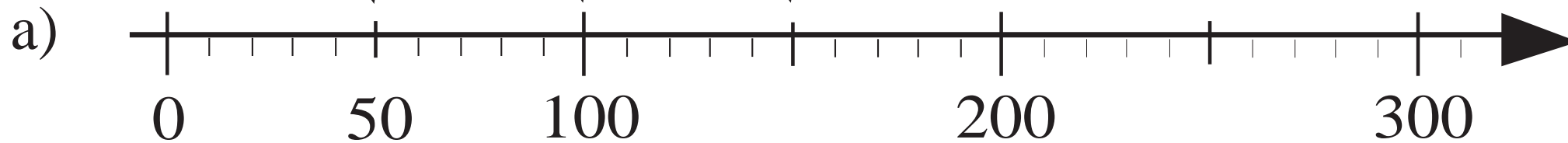




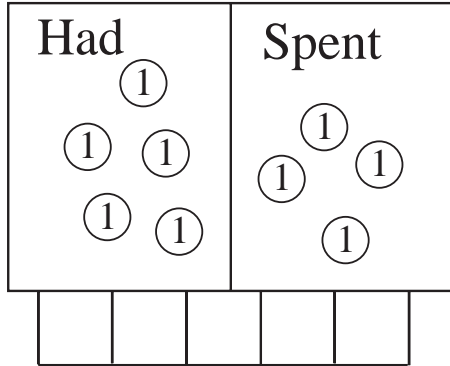
LP 162/9



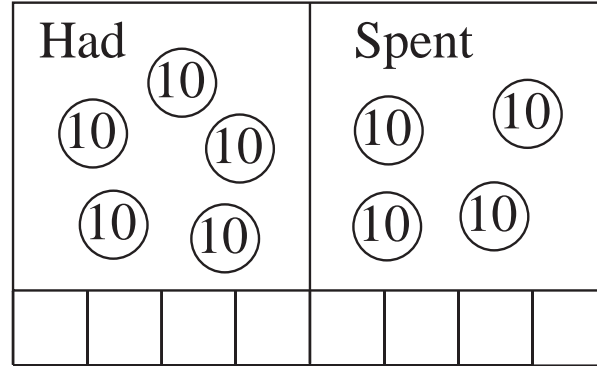
LP 163/6



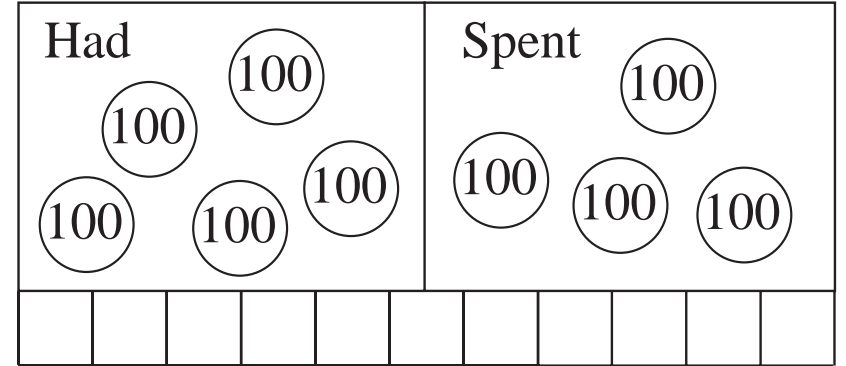
a)



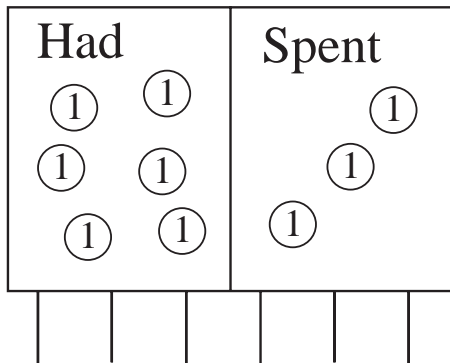
b)



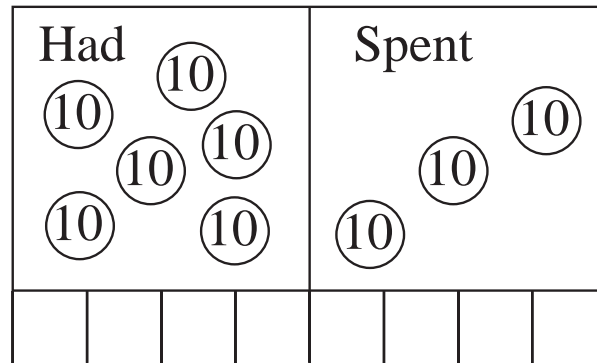
c)



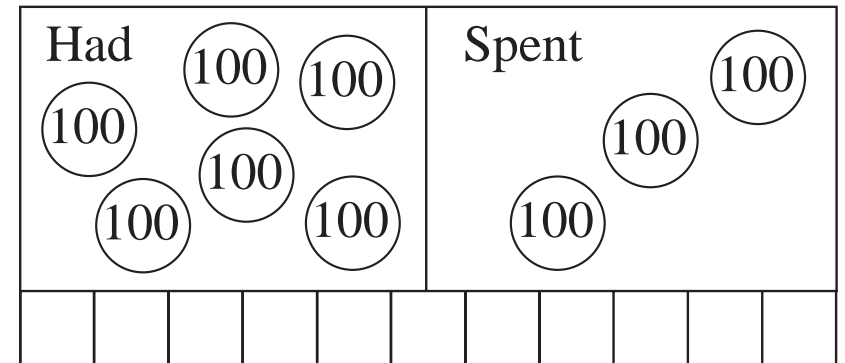
d)

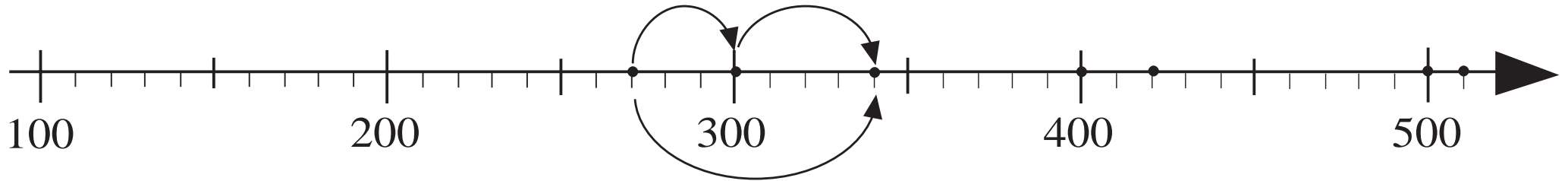


e)



f)





$$270 + \begin{array}{|c|c|} \hline & \\ \hline \end{array} = 300$$

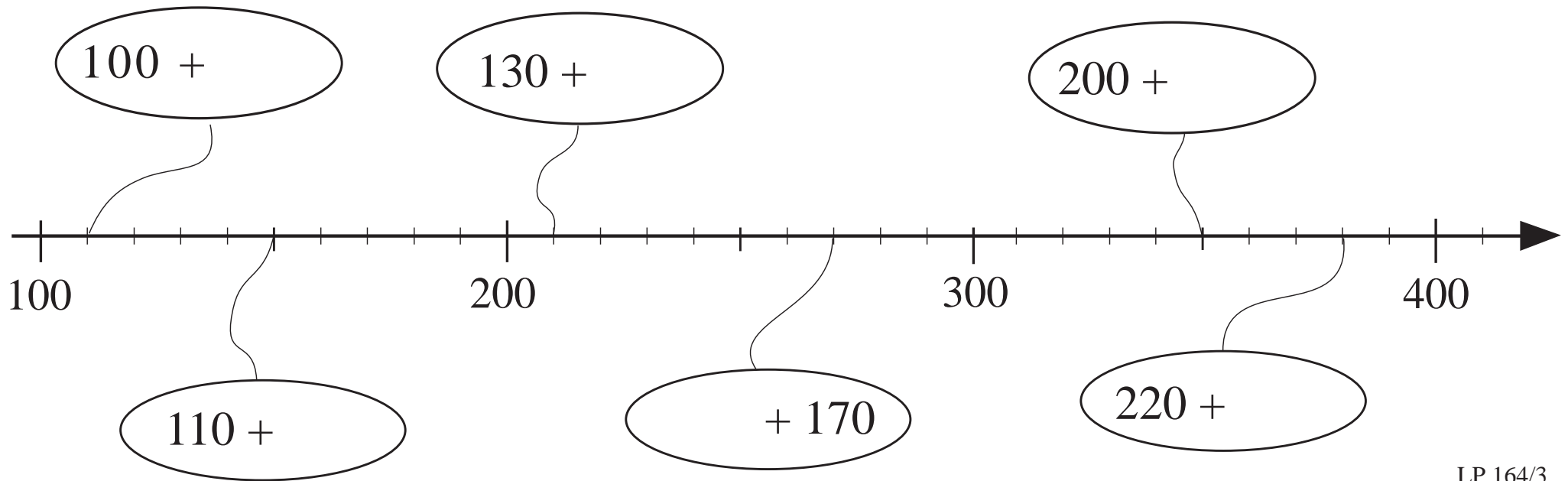
$$340 + \begin{array}{|c|c|} \hline & \\ \hline \end{array} = 400$$

$$420 + \begin{array}{|c|c|} \hline & \\ \hline \end{array} = 500$$

$$270 + \begin{array}{|c|c|} \hline & \\ \hline \end{array} = 340$$

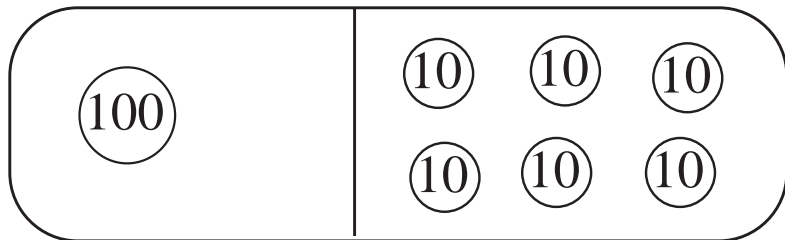
$$340 + \begin{array}{|c|c|} \hline & \\ \hline \end{array} = 420$$

$$420 + \begin{array}{|c|c|} \hline & \\ \hline \end{array} = 510$$

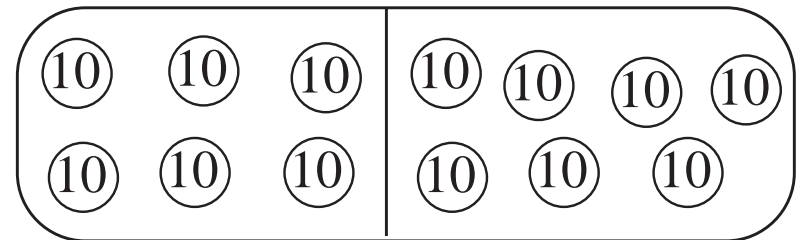


LP 164/3

a)

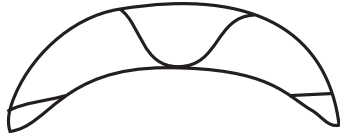


b)





10 p



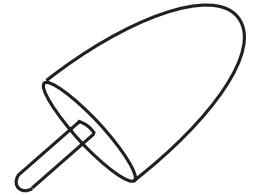
15 p



70 p



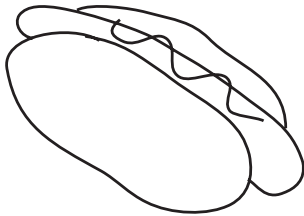
78 p



90 p



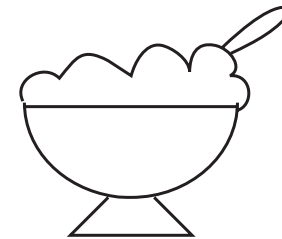
100 p
(£1)



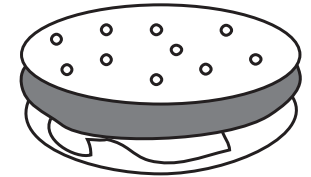
105 p
(£1 and 5 p)



170 p
(£1 and 70 p)



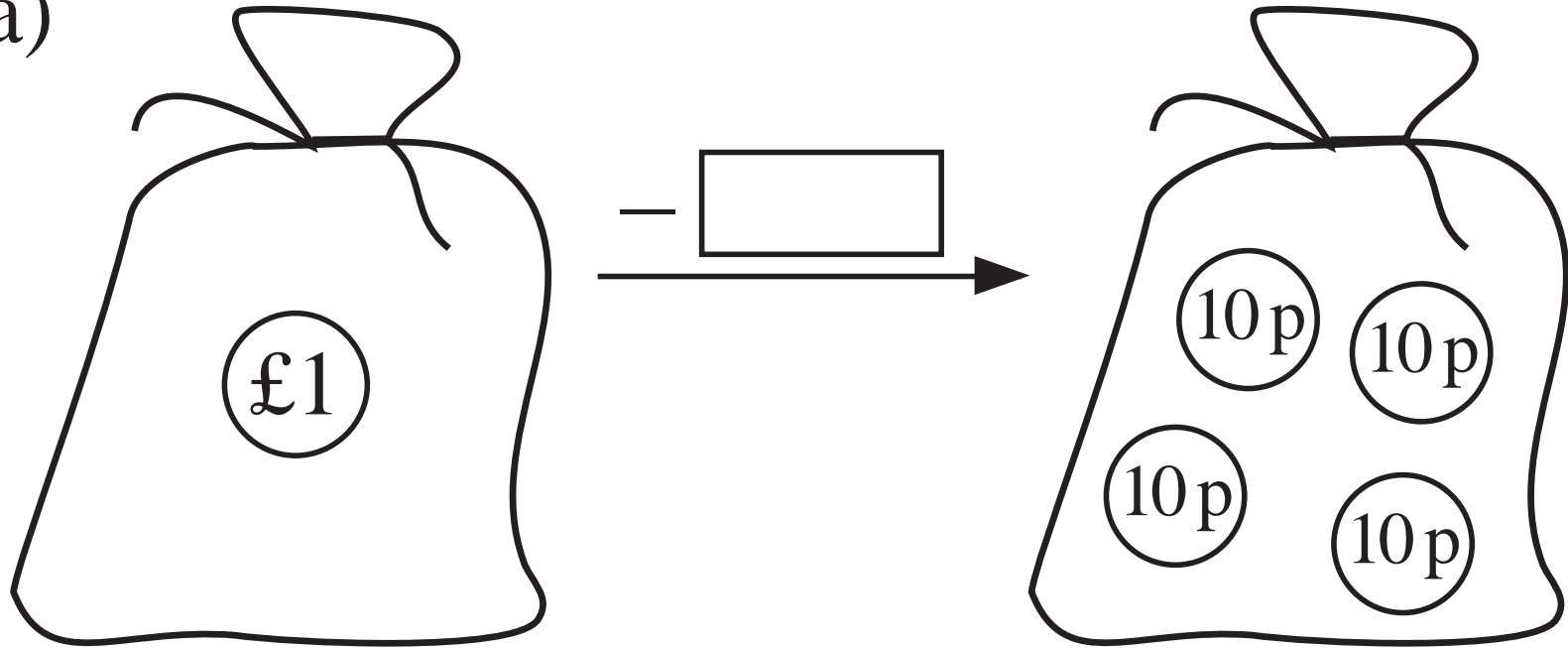
178 p
(£1 and 78 p)



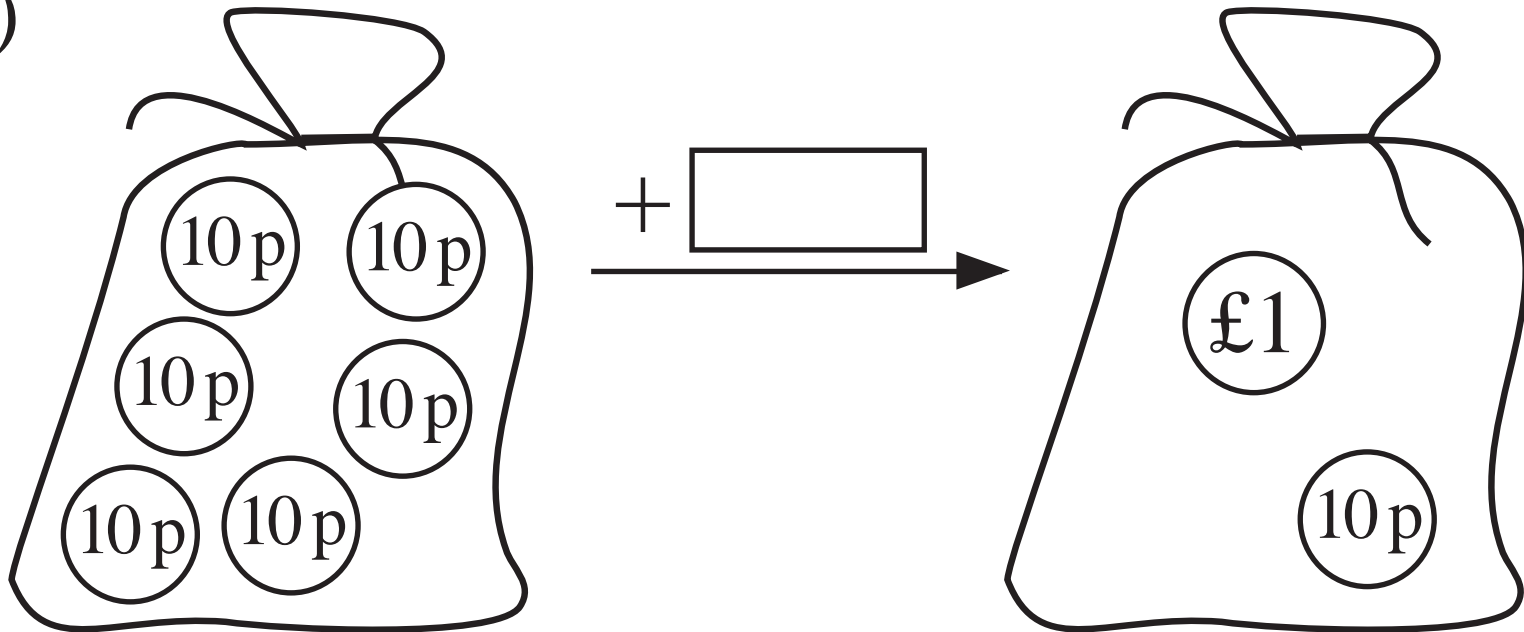
190 p
(£1 and 90 p)

Hundreds	Tens	Units	Number in digits	Number in words
			26	twenty-six
				one hundred and twenty-six
			226	
			526	

a)



b)



	10p	50p	£1	£10	£20
£2	20	—	—	—	—
£2	—	4	—	—	—
£2					
£23					
£23					
£23					



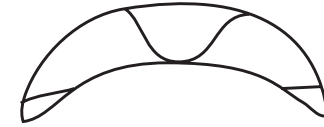
£1



50 p

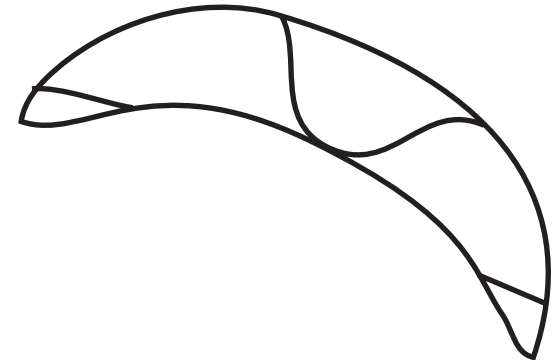
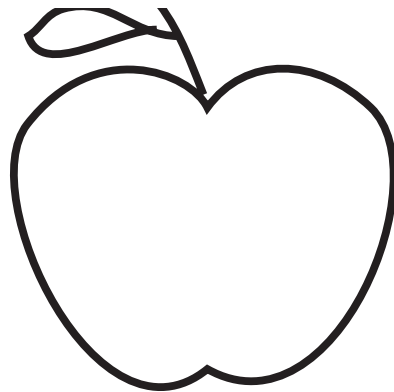
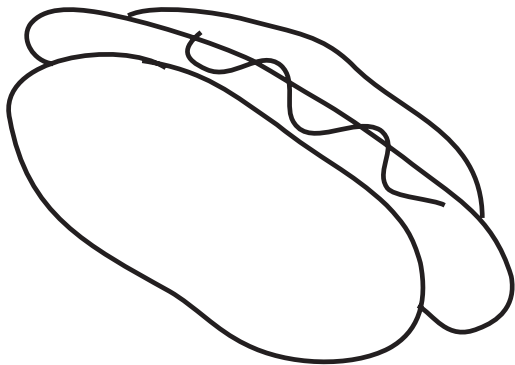


70 p



20 p

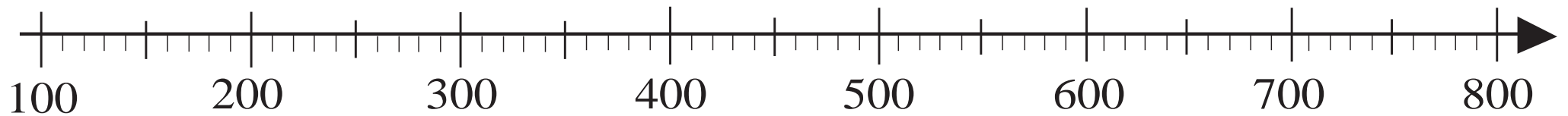
= 90 p	= £1 50 p	= £2 10 p	= £1 20 p



$60 + 90$

$300 + 450$

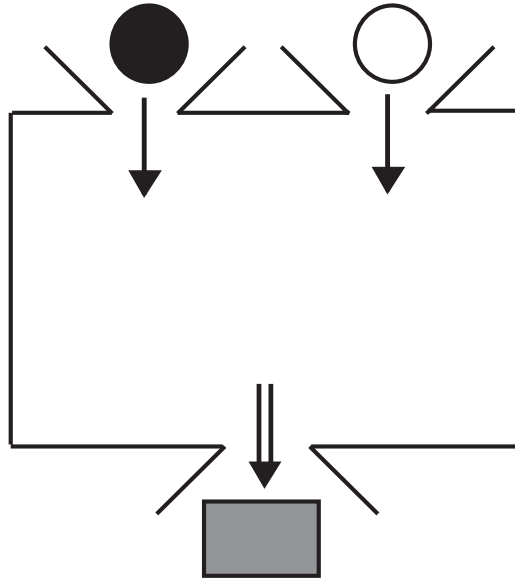
$120 + 110$






$580 - 60$

$350 - 50$

$640 - 540$



	5	16	28	70	58	62
	2 hundreds	3 hundreds	1 hundred	4 hundreds		
	205				658	362

 =

 =

 =

Hundreds	Tens	Units	Number in digits	Number in words
				twenty-one
			304	
			350	
Total				

a)

100	10	1
100	10	1
100	10	1
100	10	1
100	10	1
100	10	1
100	10	1
100	10	1
100	10	1
100	10	1

3	2	5
---	---	---

b)

100	10	1
100	10	1
100	10	1
100	10	1
100	10	1
100	10	1
100	10	1
100	10	1
100	10	1
100	10	1

9	4	0
---	---	---

c)



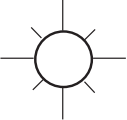
100	10	1
100	10	1
100	10	1
100	10	1
100	10	1
100	10	1
100	10	1
100	10	1
100	10	1
100	10	1

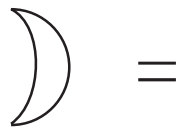
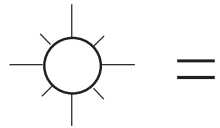
2	0	7
---	---	---

d)

100	10	1
100	10	1
100	10	1
100	10	1
100	10	1
100	10	1
100	10	1
100	10	1
100	10	1
100	10	1











1	8	6
---	---	---

	106	245	200	180		150		356
	1 ten	2 hundreds	1 ten	2 hundreds	2 hundreds	5 hundreds	11 tens	
	116	445			450		510	406














LP 167/6

a)







--	--	--

b)










--	--	--

c)

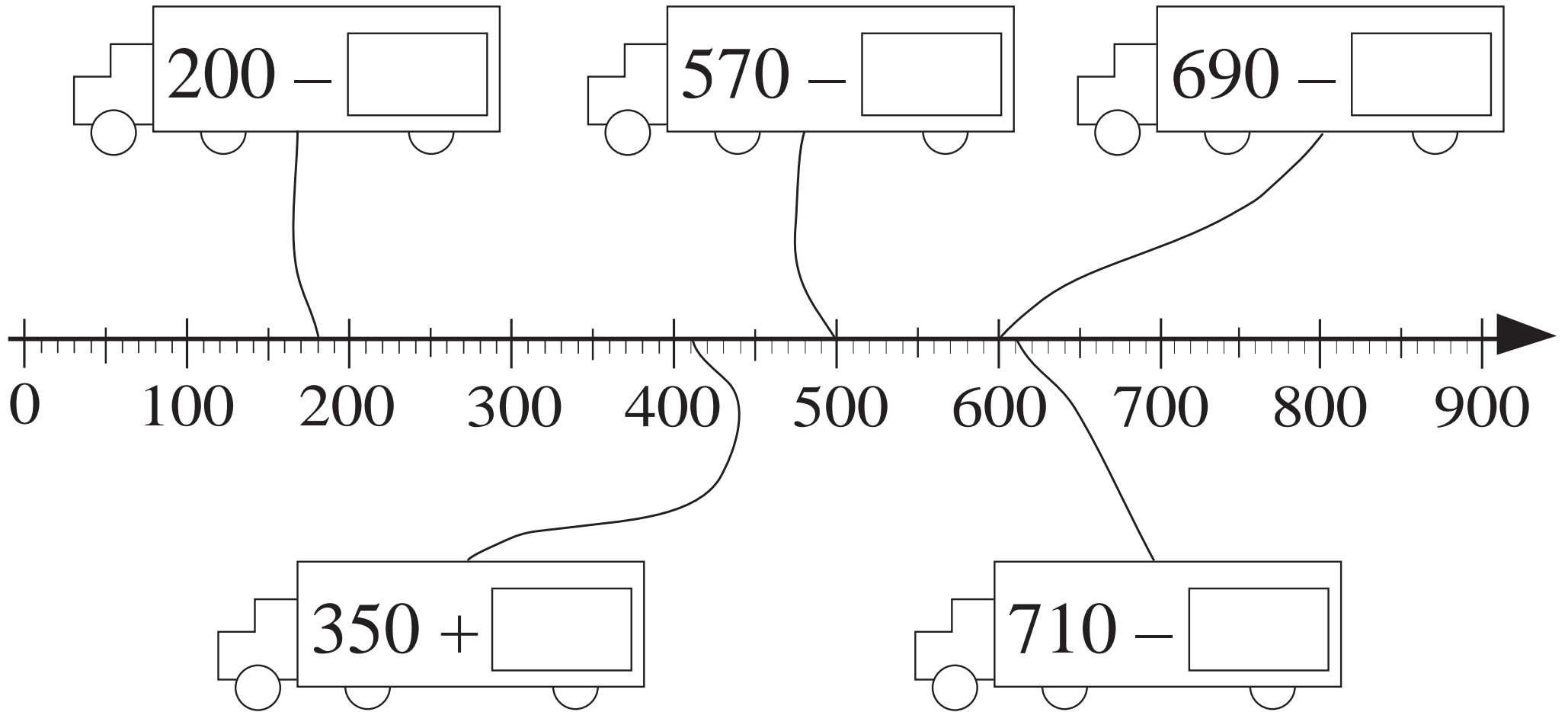
--	--	--

d)

--	--	--

LP 168/3



one hundred and thirty-six

136

one hundred and thirty

163

three hundred and one

130

one hundred and three

301

316

one hundred and sixty-three

211

three hundred and sixteen

103

one hundred and twelve

112

two hundred and eleven

630

100

120

790

550

210

300

420

$120 + 90$

$400 - 300$

$520 - 100$




$100 + 20$

$520 - 100$

$120 + 90$

$400 - 300$

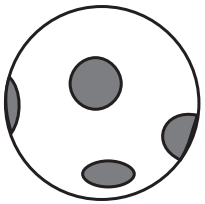
$100 + 20$

	£1	£3	90 p	2 litres			1 kg	£9 10 p	4 litres 30 cl
	10 p	70 p			20 cm	60 cm	200 g	£8	1 litres 30 cl
			70 p	20 cl	1 m	2 m 40 cm			

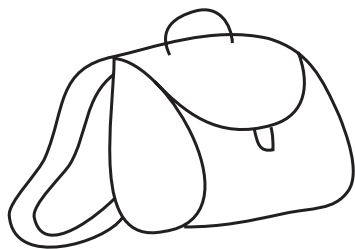
$\triangle =$

$\square =$

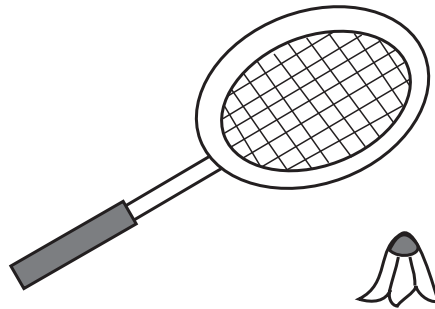
LP 168/8



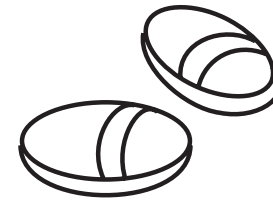
£4



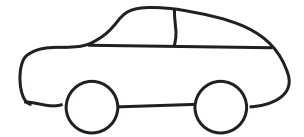
£7 20 p



£15 90 p



£6 10 p



£9 30 p

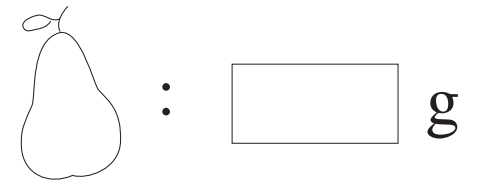
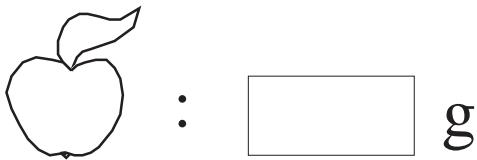
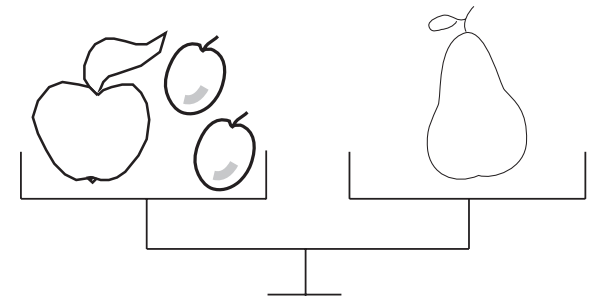
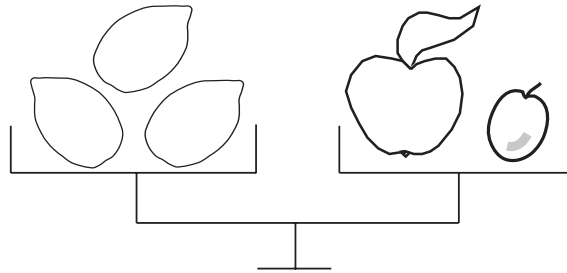
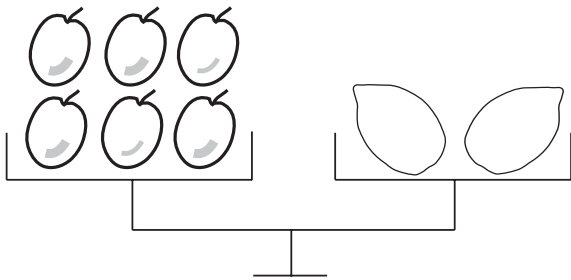
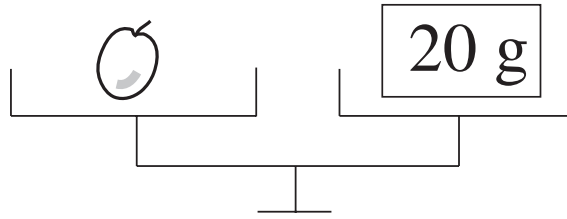
LP 169/2

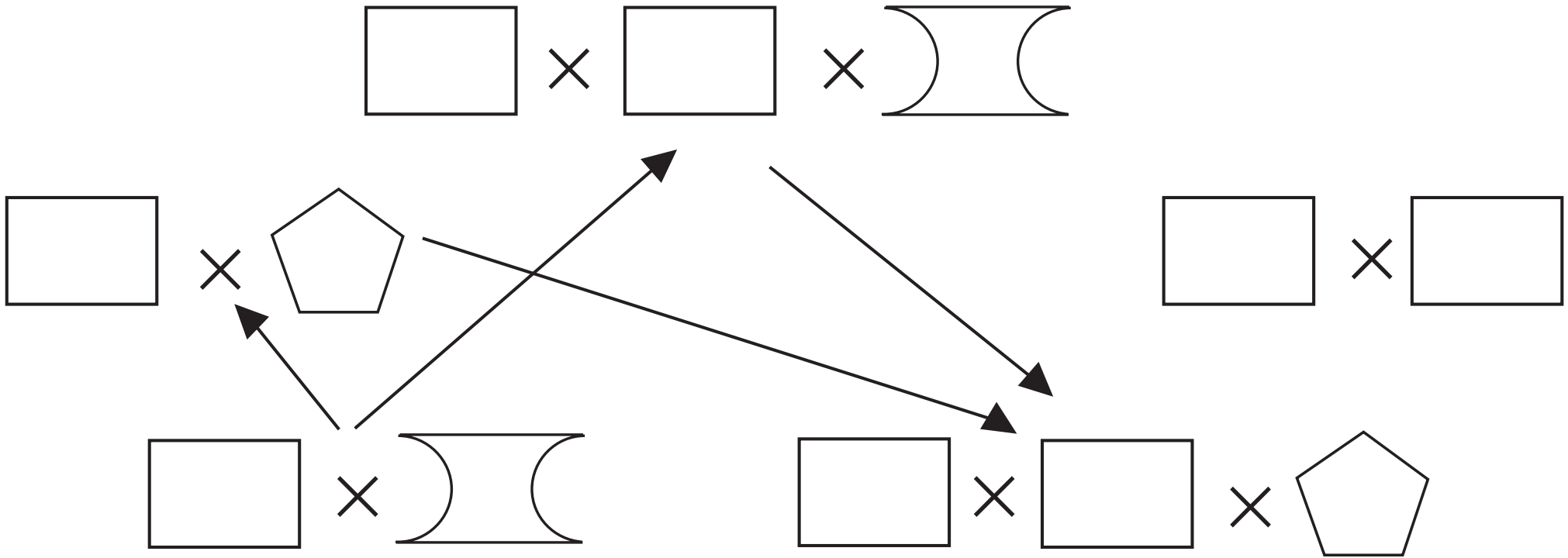
a) $60 \xrightarrow{+20} \square \xrightarrow{-10} \square \xrightarrow{+70} \square \xrightarrow{-50} \square$

b) $56 \xrightarrow{+28} \square \xrightarrow{-15} \square \xrightarrow{+70} \square \xrightarrow{-50} \square$

c) $170 \xrightarrow{-30} \square \xrightarrow{-60} \square \xrightarrow{+50} \square \xrightarrow{-80} \square$

d) $176 \xrightarrow{-30} \square \xrightarrow{-60} \square \xrightarrow{+80} \square \xrightarrow{-50} \square$





LP 171/3

$$5 \times 2 + 2 \times 2 =$$

$$9 \times 7 + 1 \times 7 =$$

$$6 \times 3 + 6 \times 4 =$$

$$6 \times 7 + 1 \times 7 =$$

$$3 \times 2 + 4 \times 2 =$$

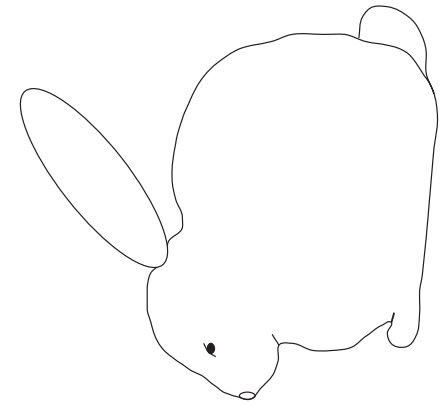
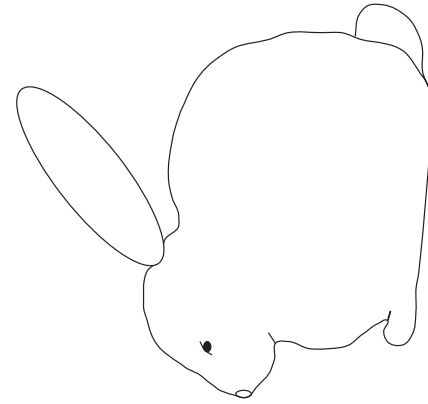
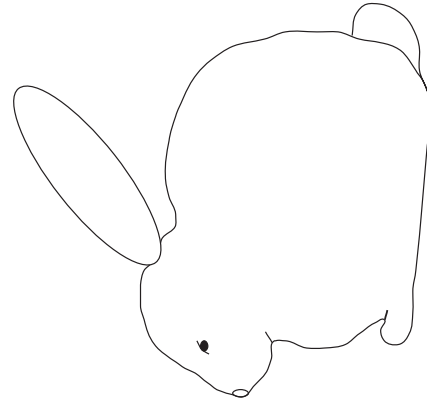
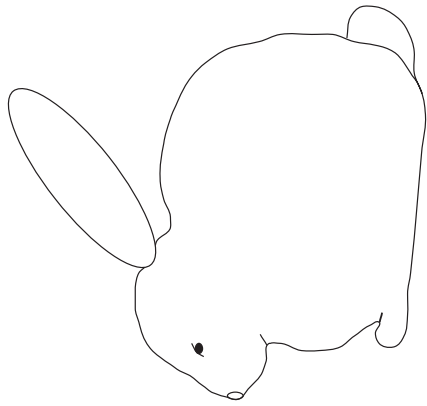
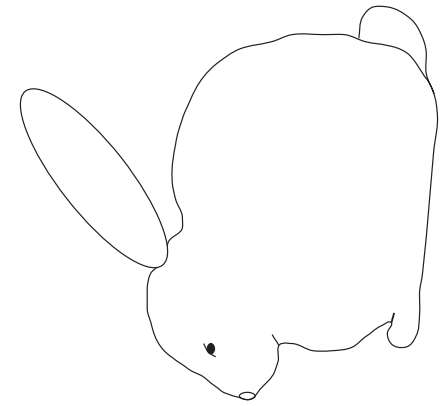
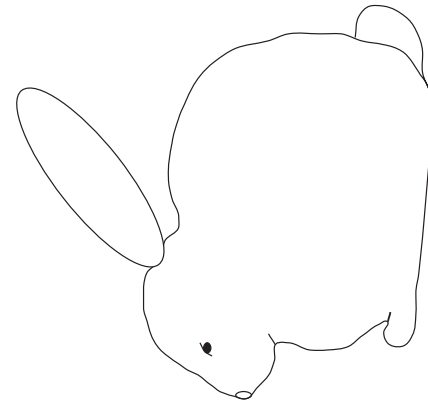
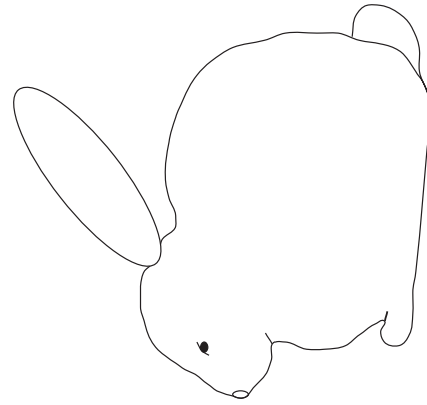
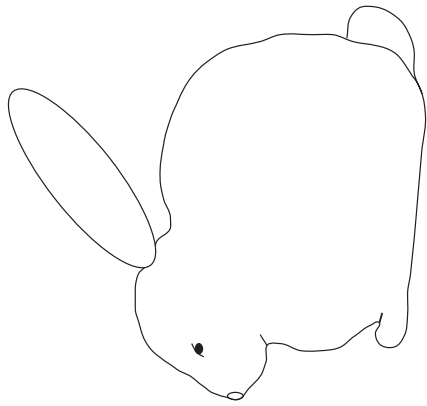
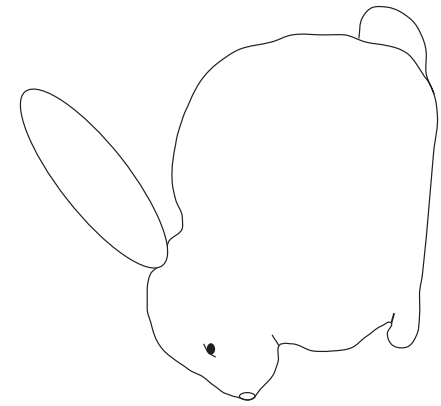
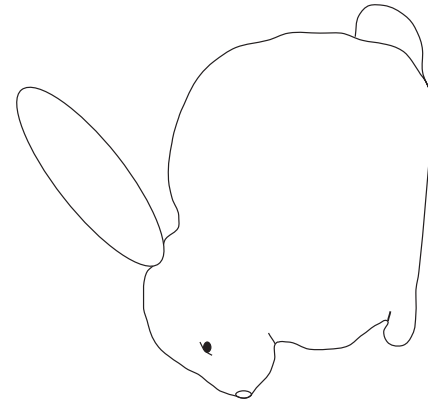
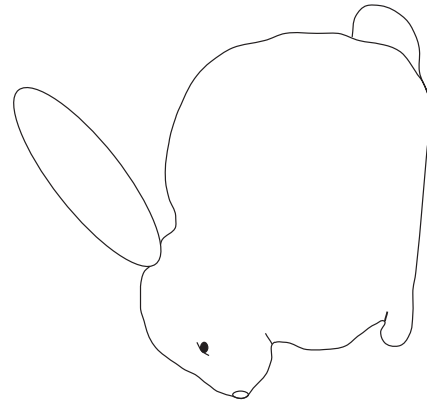
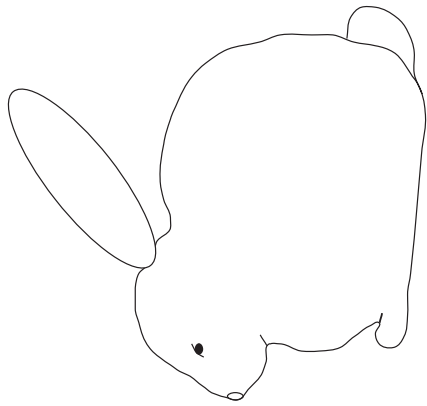
$$5 \times 7 + 2 \times 7 =$$

$$6 \times 2 + 6 \times 5 =$$

$$6 \times 6 + 6 \times 1 =$$

$$9 \times 7 - 2 \times 7 =$$

LP 172/5



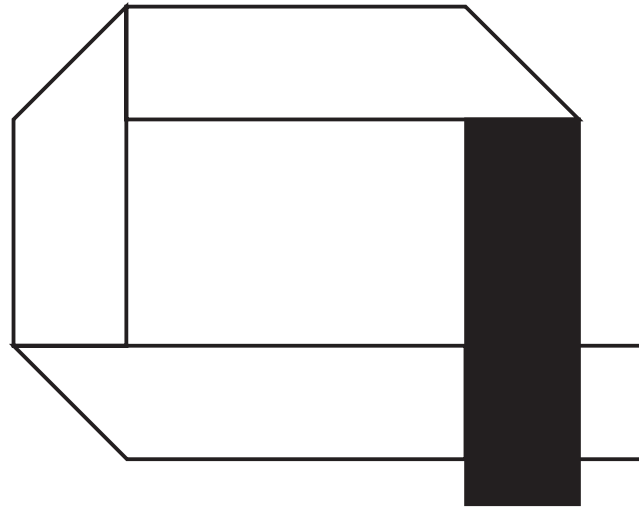
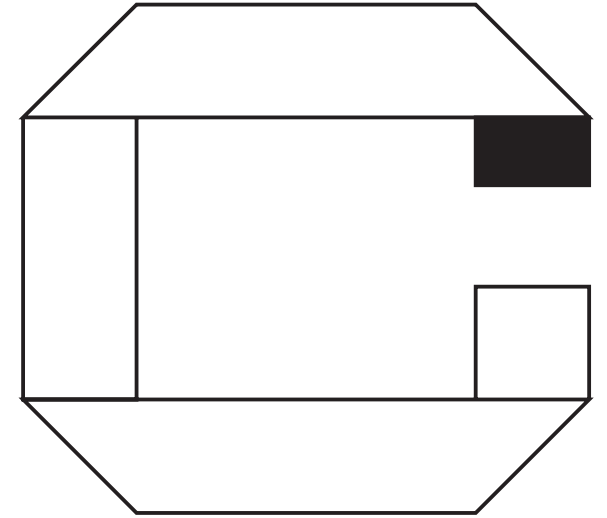
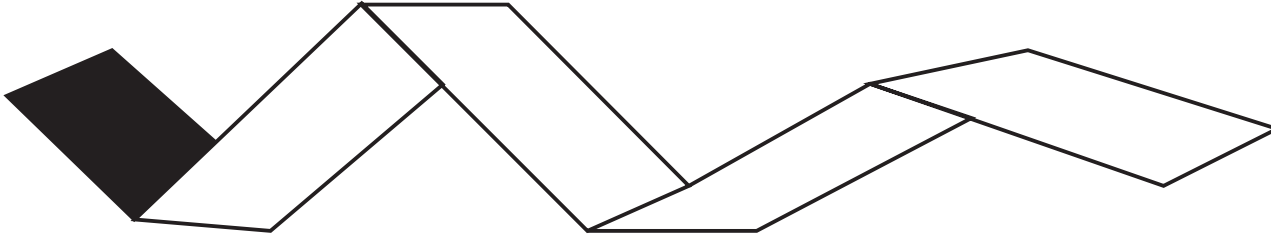
Copy enough times to give 3 rabbits per pupil



a)

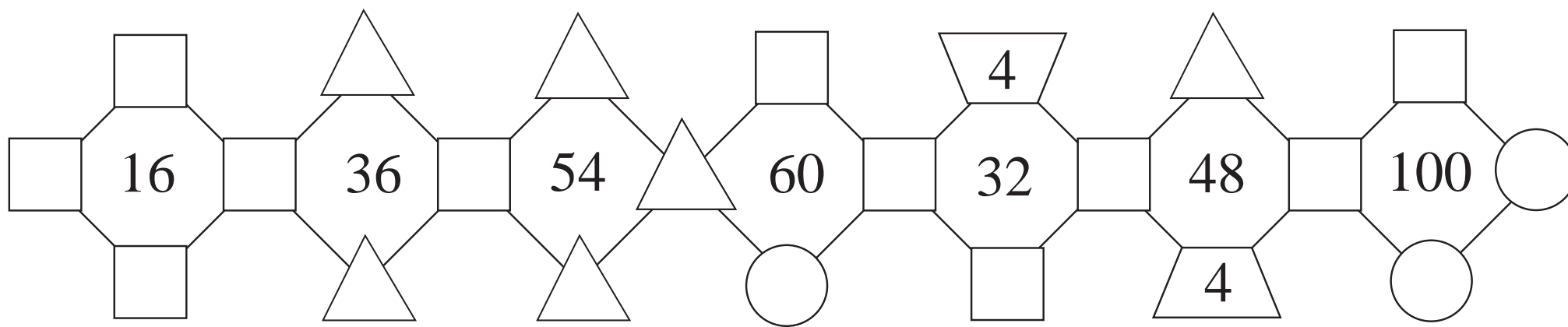
b)

c)



<i>a</i>	0	3											
<i>b</i>	1												
<i>c</i>	6												

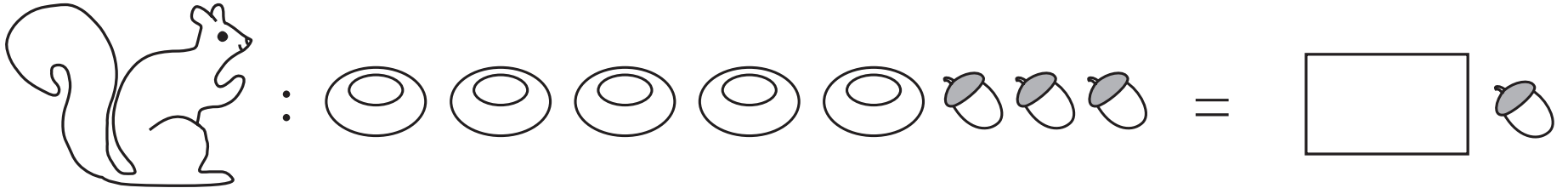
LP 173/2



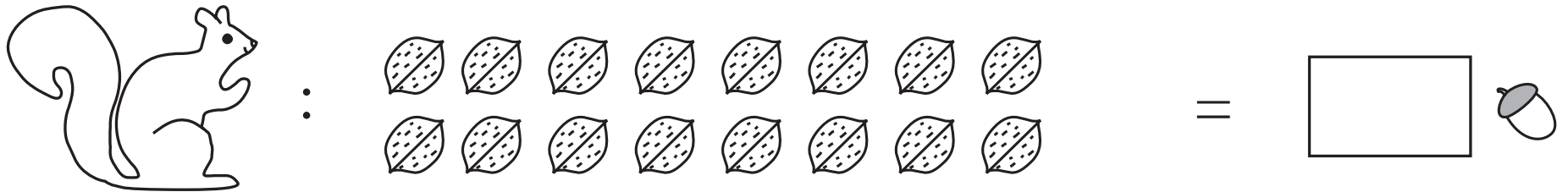
LP 173/7

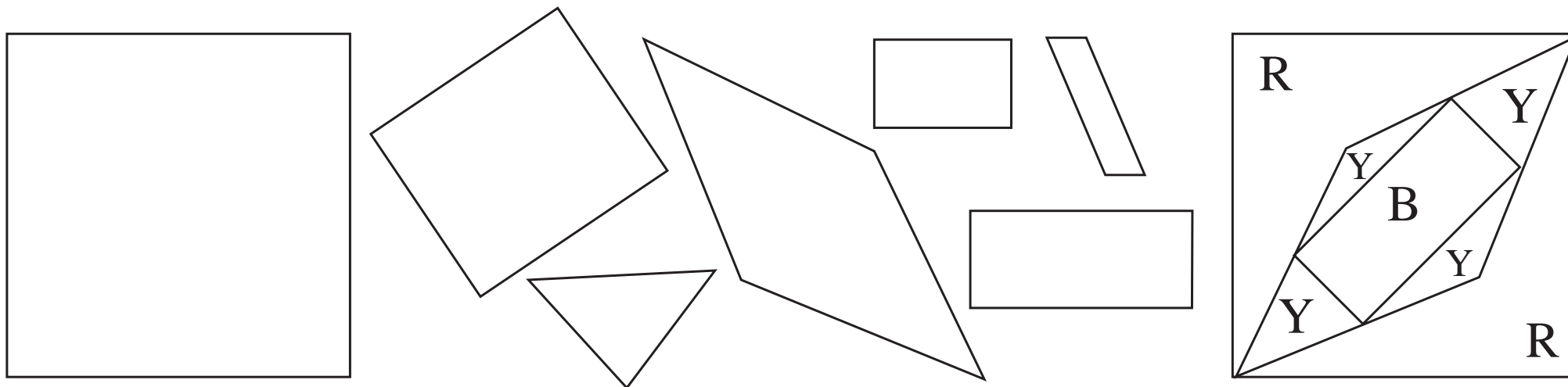


a)



b)





LP 174/3

Number of hens	1	2	2	3	3	4	4	5	10	10
Number of days	1	1	2	2	3	3	5	10	5	10
Number of eggs	1									

LP 174/6

$$\text{a) } 12 + 24 \div 6 - 4 = \boxed{}$$

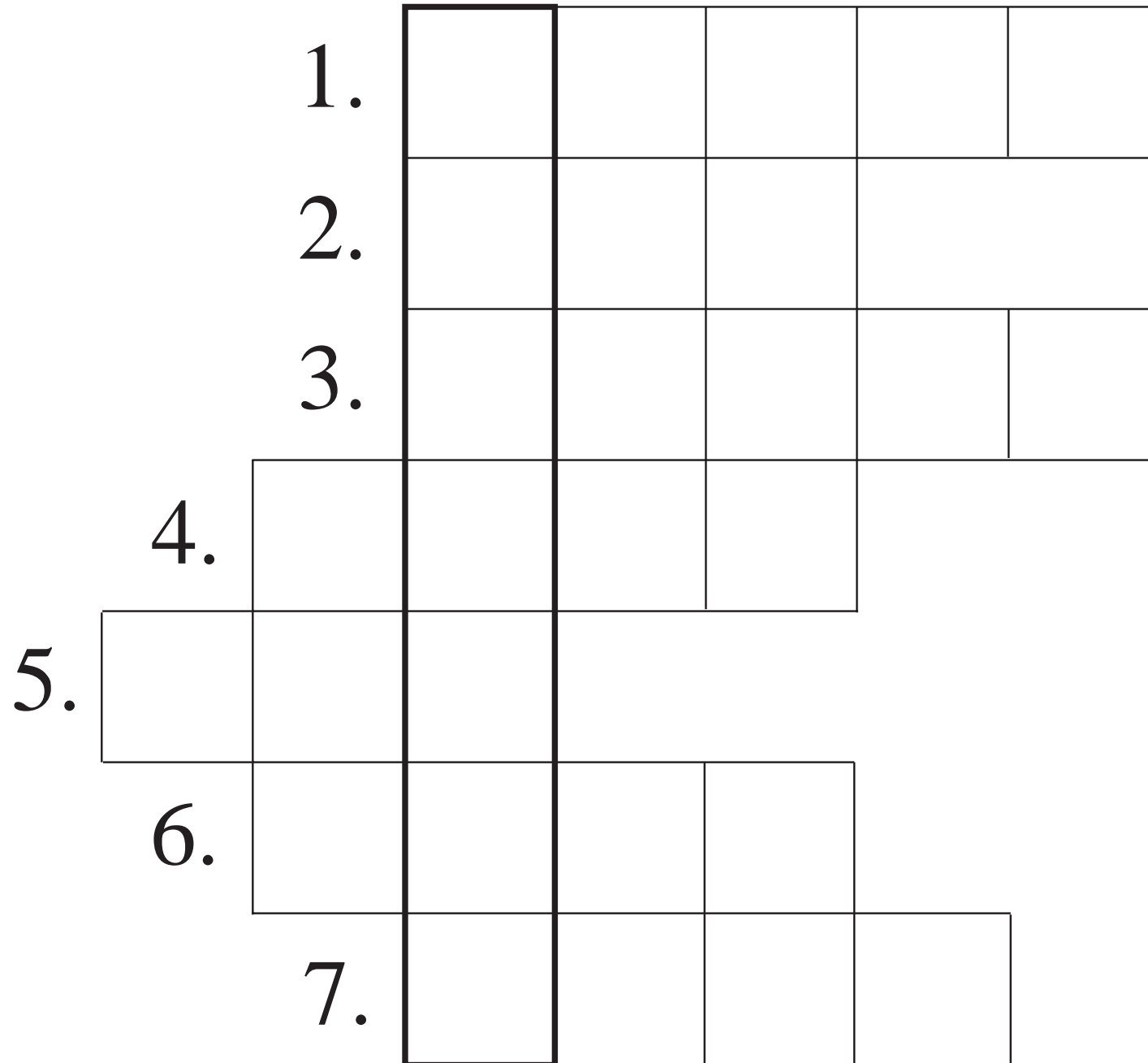
$$12 + 24 \div (6 - 4) = \boxed{}$$

$$12 + (24 \div 6 - 4) = \boxed{}$$

$$\text{b) } (12 + 24) \div 6 - 4 = \boxed{}$$

$$(12 + 24) \div (6 - 4) = \boxed{}$$

$$12 + (24 \div 6 - 4) = \boxed{}$$



Start

