



# YEAR 5

# Copy Masters

a) 1-digit numbers:

0

7

-10

$\frac{3}{4}$

11

b) 2-digit numbers:

19

83

06

$\frac{1}{2}$

80

c) 3-digit numbers with two equal digits:

122

022

$1\frac{2}{3}$

252

303

d) 4-digit numbers with two zeros:

1007

8140

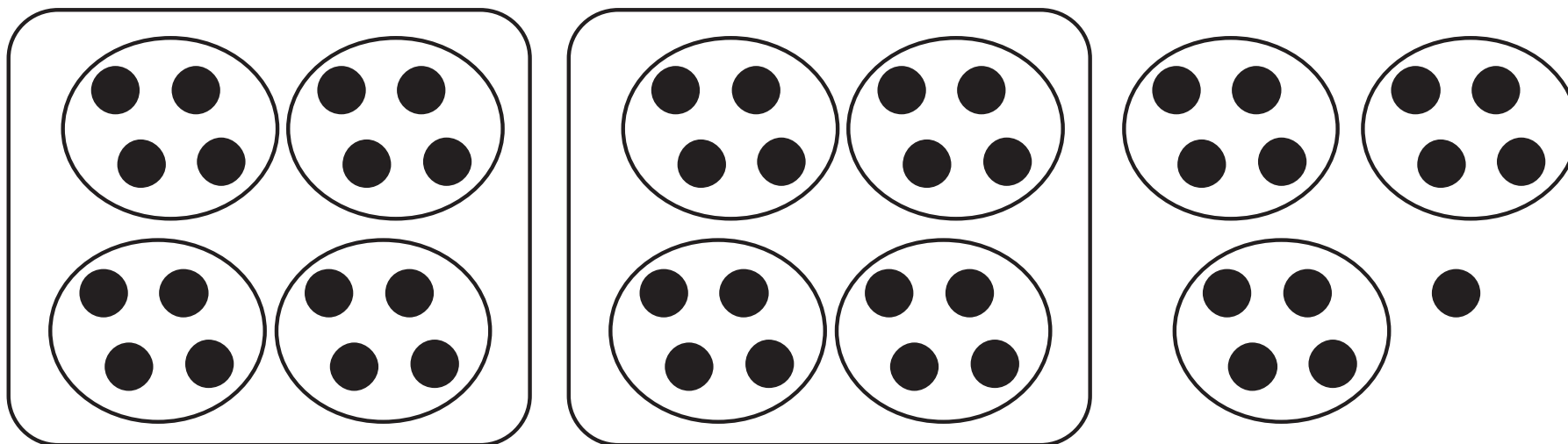
6200

0704

01741



<b>Millions</b>	<b>Hundred Thousands</b>	<b>Ten Thousands</b>	<b>Thousands</b>	<b>Hundreds</b>	<b>Tens</b>	<b>Units</b>



	Sixty-fours	Sixteens	Fours	Units
...	$4 \times 4 \times 4$	$4 \times 4$	4	1
		2	3	1

$$2 \times 16 + 3 \times 4 + 1 \times 1 = 45 = 231_4$$

a)

5409

9521

1935

2050

5499

 $5499 + 1$ 
 $5499 + 2$ 

TTh	Th	H	T	U
10 000	1000	100	10	1

b)

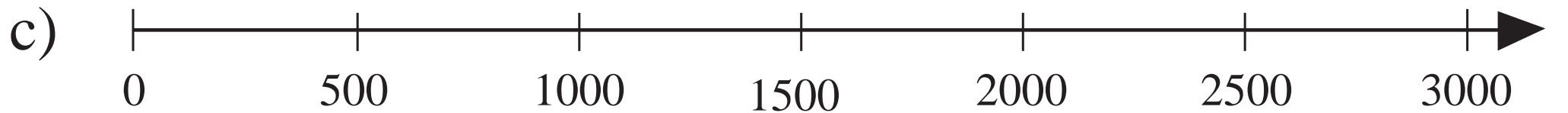
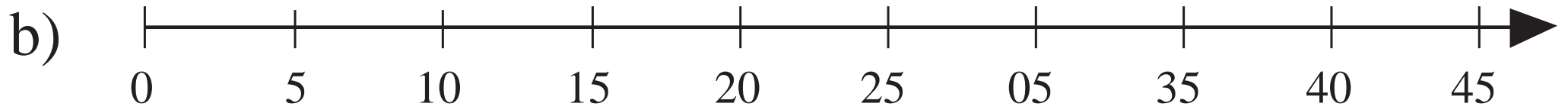
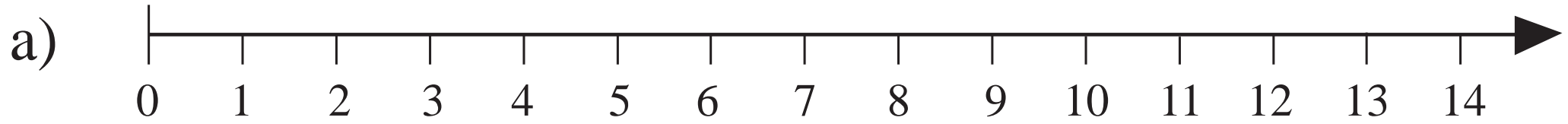
35

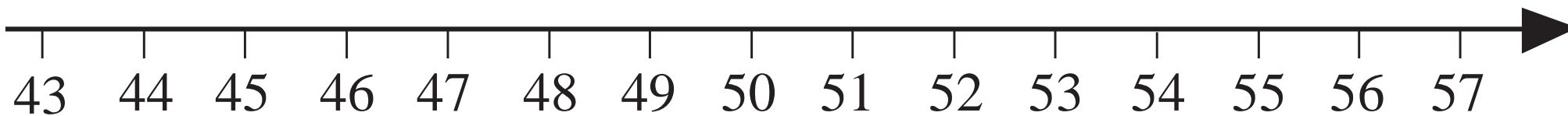
10 times 35

100 times 35

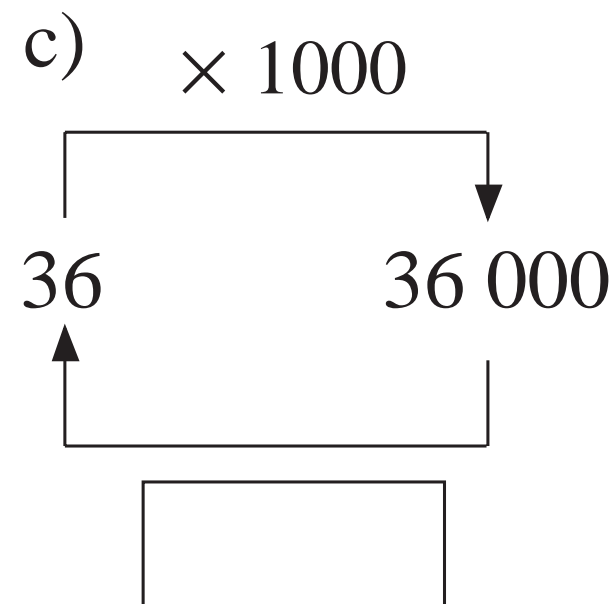
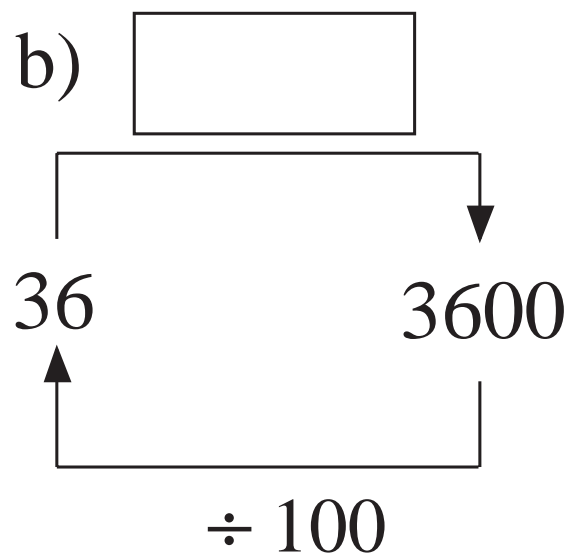
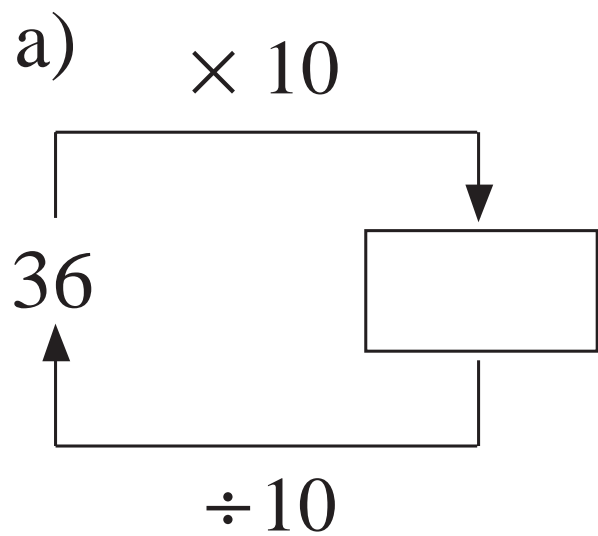
1000 times 35

TTh	Th	H	T	U
10 000	1000	100	10	1



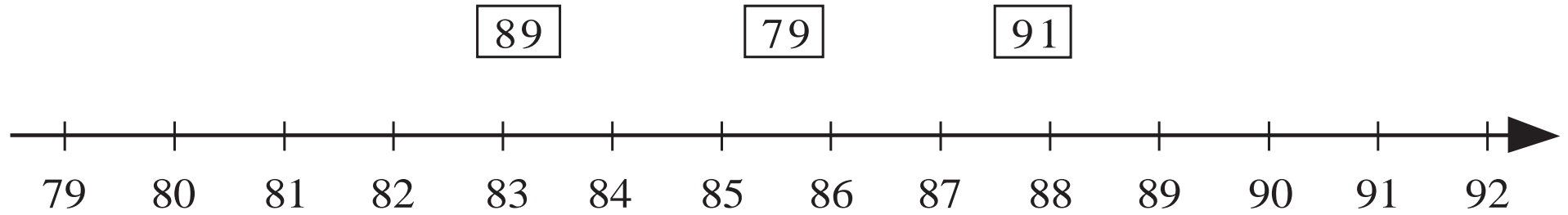


LP 2/6

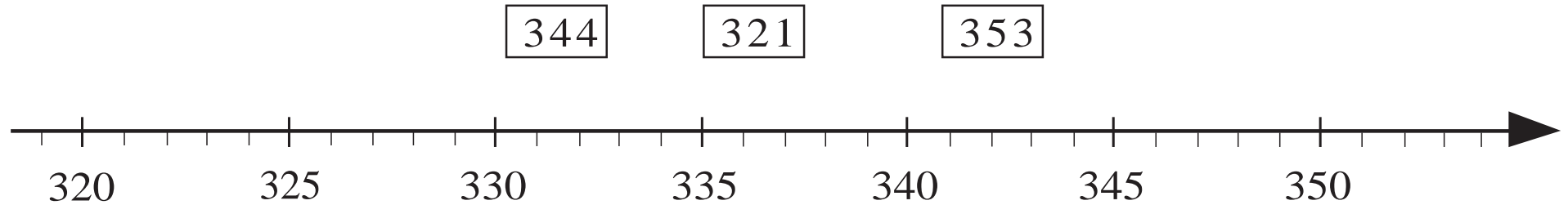


LP 3/3a

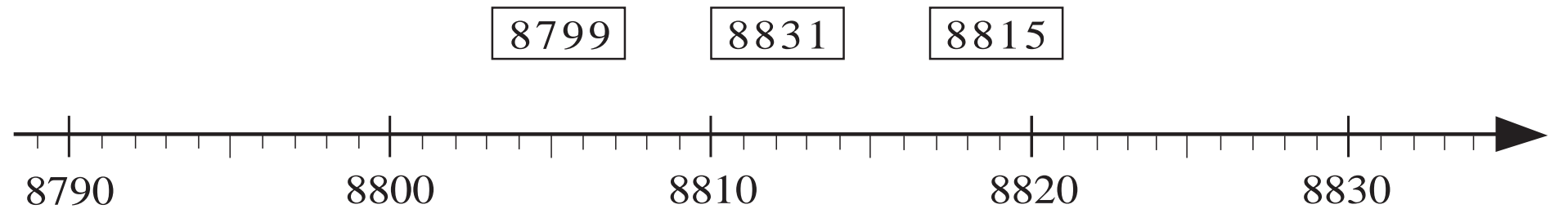
a)



b)



c)





Next smaller ten	Number	Next greater ten
	3	
80	86 $\approx$	90
	392	
	4535	
	10324	

- a) 45 £10 notes are worth £ .
- b) 32 £1 coins are worth  p.
- c) 10 £10 notes are worth  p.
- d)  £10 notes are worth £540.
- e)  £10 notes are worth £54 000.
- f)  £1 coins are worth 6300 p.
- g) 10 £5 notes are worth £ .
- h) 100 £20 notes are worth £ .

- a) Natural numbers are exactly divisible by 10 if they have a  in the  column.
- b) When dividing by 10, each digit of the dividend is moved to the next  place value column and the last  is cancelled.
- c) Natural numbers are exactly divisible by  if their tens and  digits are zero.
- d) When dividing by , each digit of the dividend is moved  columns to the right in the place-value table and the last two  are cancelled.

a)

$$\square \times 10 = 230$$

b)

$$75 \times \square = 7500$$

c)

$$27 \times \square = 27\,000$$

$$120 \times \square = 1200$$

$$\square \times 100 = 2200$$

$$\square \times 100 = 7500$$

$$445 \times 10 = \square$$

$$120 \times 100 = \square$$

$$85 \times 100 = \square$$

LP 3/5

$$a) \quad 840 \div \square = 84$$

$$b) \quad 7200 \div \square = 72$$

$$c) \quad 9600 \div 100 = \square$$

$$d) \quad \square \div 100 = 100$$

$$e) \quad 1720 \square 10 = 172$$

$$f) \quad 850 \square 10 = 8500$$

$$g) \quad 8500 \div \square = 85$$

$$h) \quad \square \times 1000 = 34\,000$$

LP 3/6

a)

H Th	T Th	Th	H	T	U
				5	3
			5	3	0
		5	3	0	0
	5	3	0	0	0
5	3	0	0	0	0

$$53 \times 10 =$$


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$$53 \times 100 =$$


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b)

H Th	T Th	Th	H	T	U
8	0	7	0	0	0
	8	0	7	0	0
		8	0	7	0
			8	0	7

$$807\,000 \div 10 =$$


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$$80\,700 \div 100 =$$


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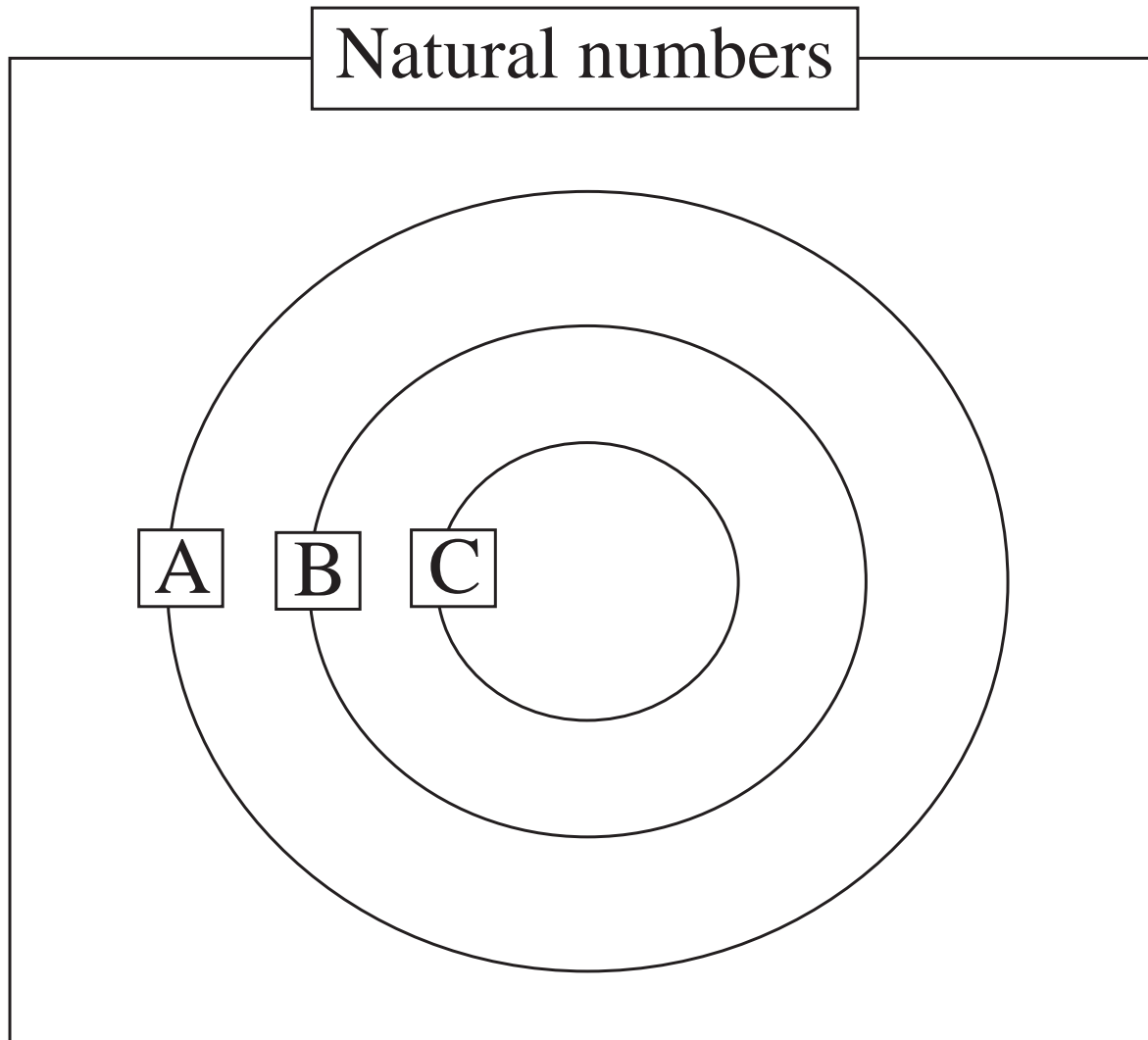


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6000, 66 000, 660, 6600, 60 060, 600 600



$A = \{\text{multiple of } 10\}$

$B = \{\text{multiple of } 100\}$

$C = \{\text{multiple of } 1000\}$

*green*

*blue*

*blue*

*blue*

*blue*

*red*

*red*

*w*

*w*

*w*

*w*

*w*

*w*

*w*

*w*

*w*

*w*

*w*

*w*

*green*

*blue*

*blue*

*blue*

*blue*

*red*

*red*

*w*

*w*

*w*

*w*

*w*

*w*

*w*

*w*

*w*

*w*

*w*

*w*

Number of times, or the fraction of, the basic unit	1000	100	10	1	$\frac{1}{10}$	$\frac{1}{100}$	$\frac{1}{1000}$
<i>Units of length</i>				metre (m)			
<i>Units of mass</i>				gram (g)			
<i>Units of capacity</i>				litre (l)			



# Quantities

420 litres      8 ml  
650 ml  
3 pints  
.....

7 km      21 m  
157 mm  
3 cm      .....

7 kg  
1500 g  
2 lb  
.....

a)  $3 \text{ km} = \boxed{\phantom{00000}} \text{ m}$

b)  $12 \text{ km} = \boxed{\phantom{00000}} \text{ m}$

c)  $5 \text{ and a half km} = \boxed{\phantom{00000}} \text{ m}$

d)  $17 \text{ m } 80 \text{ cm} = \boxed{\phantom{00000}} \text{ cm}$

e)  $3 \text{ half metres} = \boxed{\phantom{00000}} \text{ cm}$

f)  $3 \text{ quarters of a metre} = \boxed{\phantom{00000}} \text{ cm}$

g)  $5 \text{ m} = \boxed{\phantom{00000}} \text{ mm}$

h)  $32 \text{ m } 4 \text{ cm} = \boxed{\phantom{00000}} \text{ mm}$

i)  $2 \text{ fifths of a metre} = \boxed{\phantom{00000}} \text{ mm}$

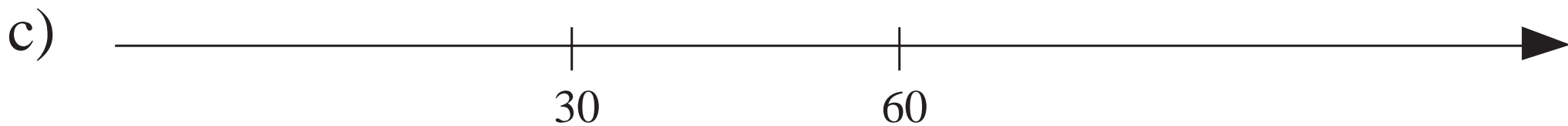
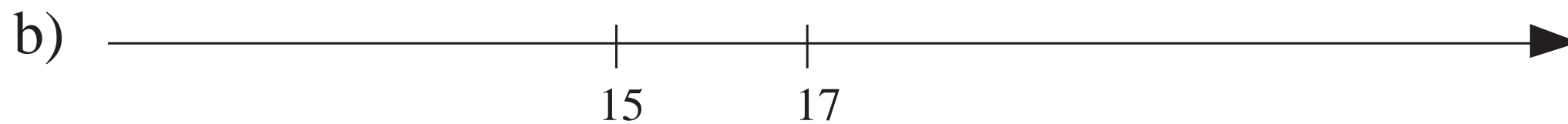
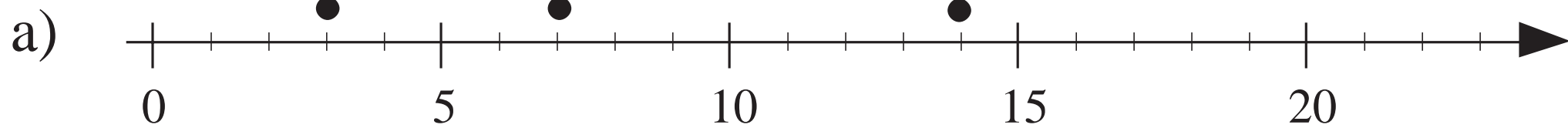
j)  $3000 \text{ ml} = \boxed{\phantom{00000}} \text{ litres}$

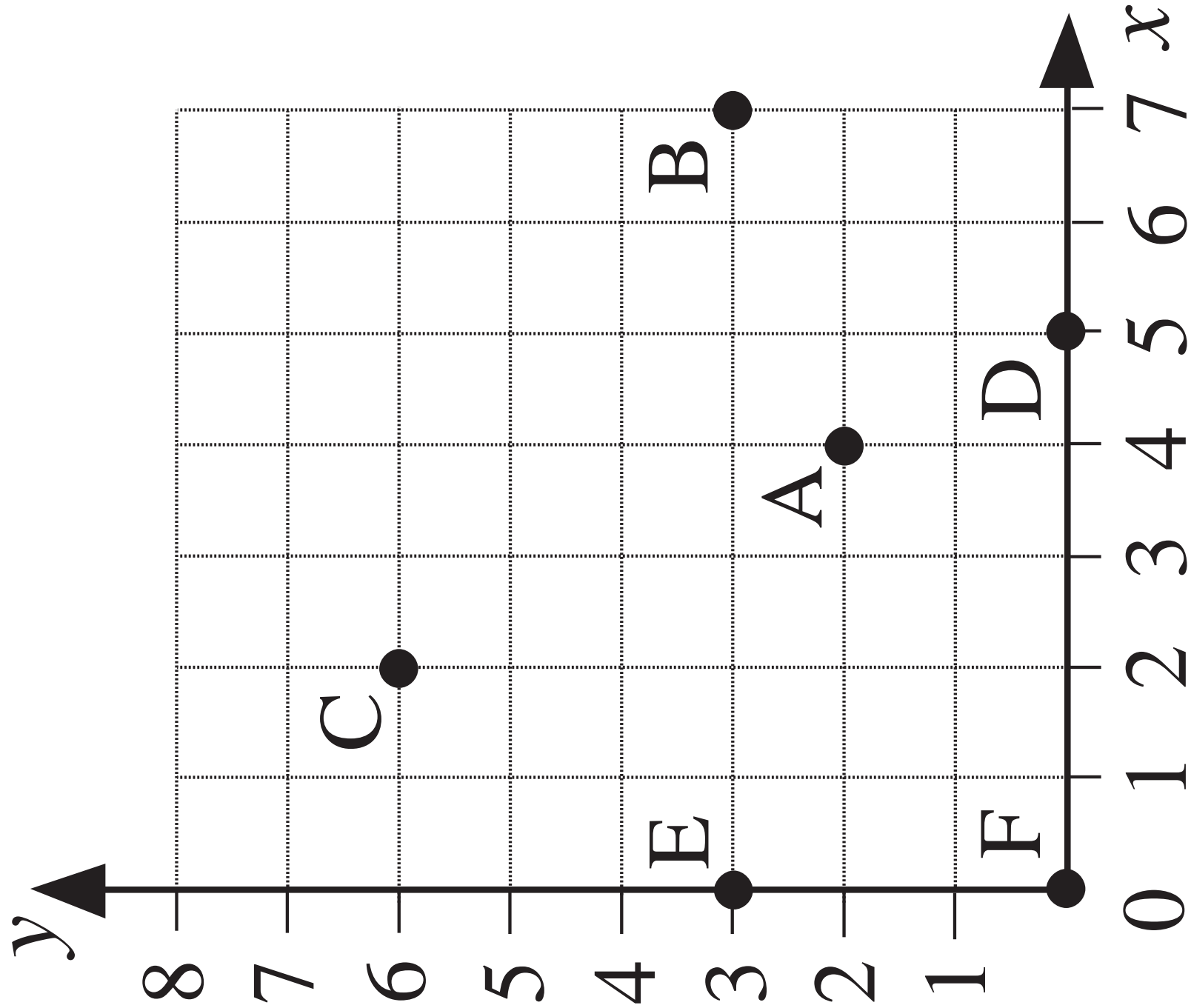
k)  $2500 \text{ ml} = \boxed{\phantom{00000}} \text{ litres}$

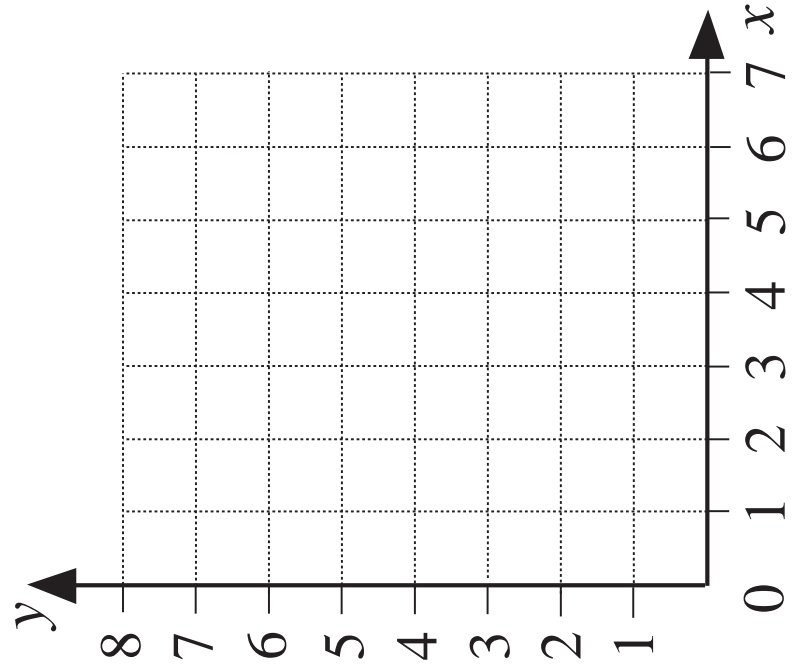
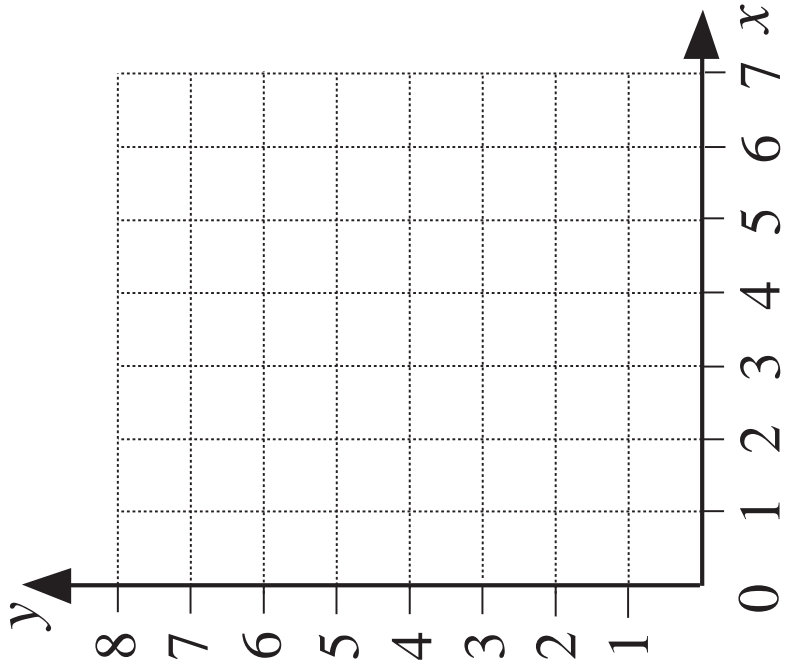
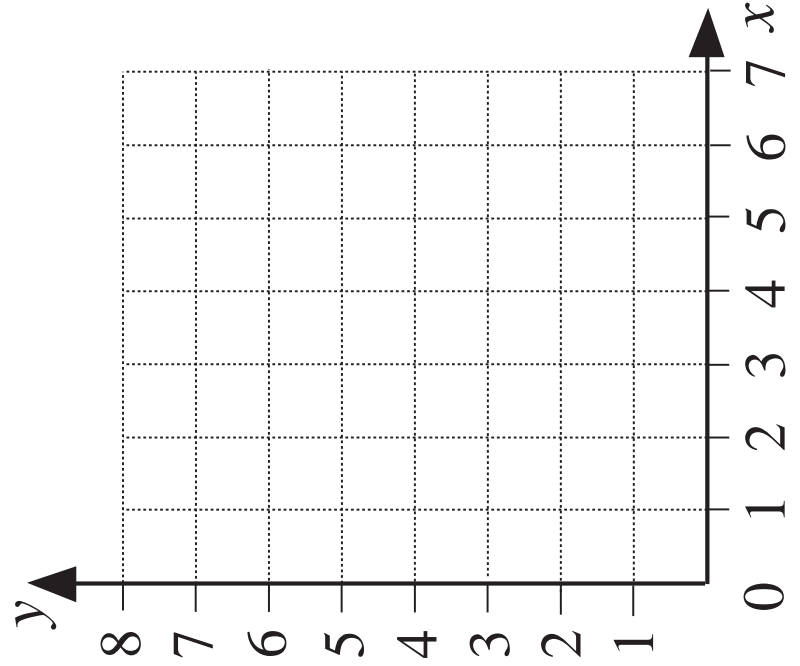
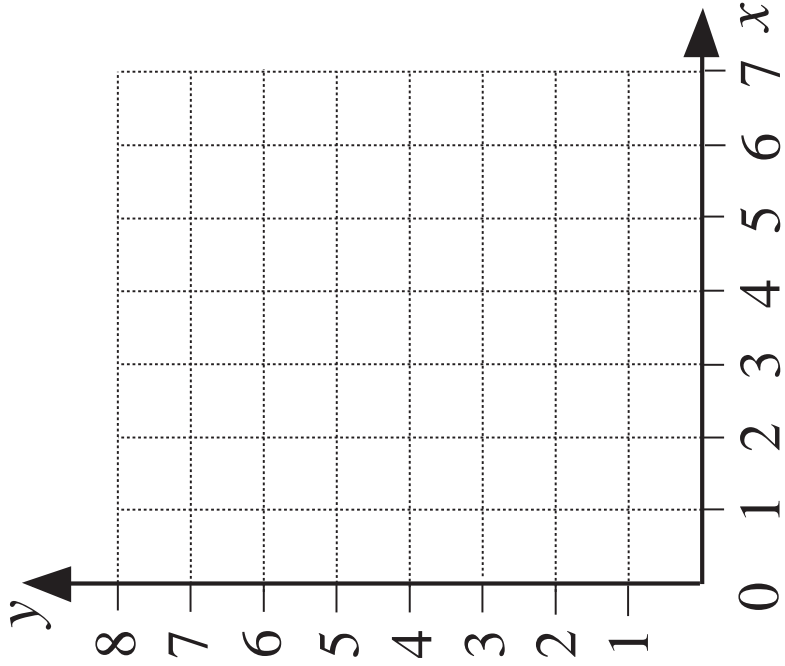
l)  $2500 \text{ cl} = \boxed{\phantom{00000}} \text{ litres}$

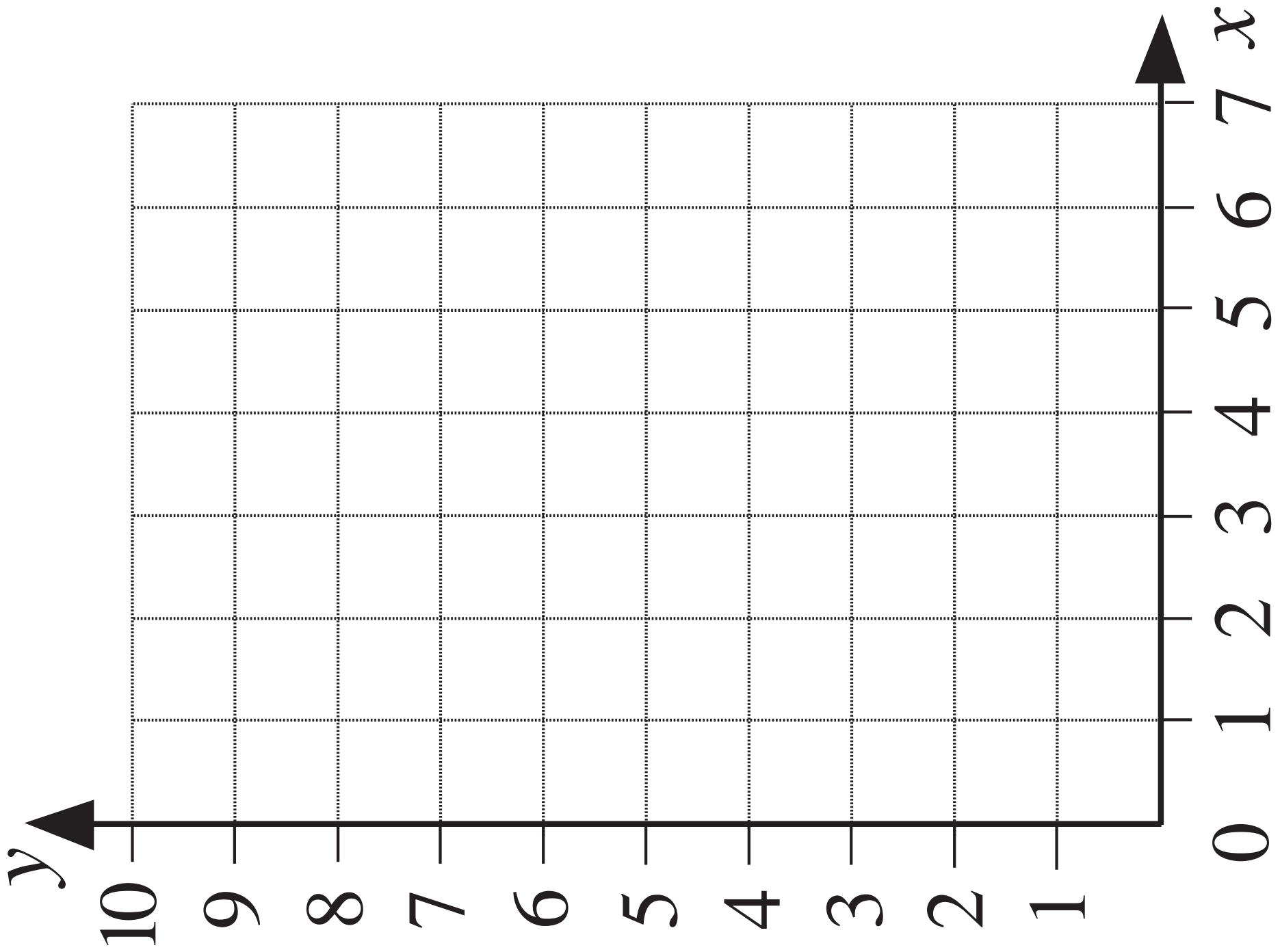
m)  $10\ 000 \text{ g} = \boxed{\phantom{00000}} \text{ kg}$

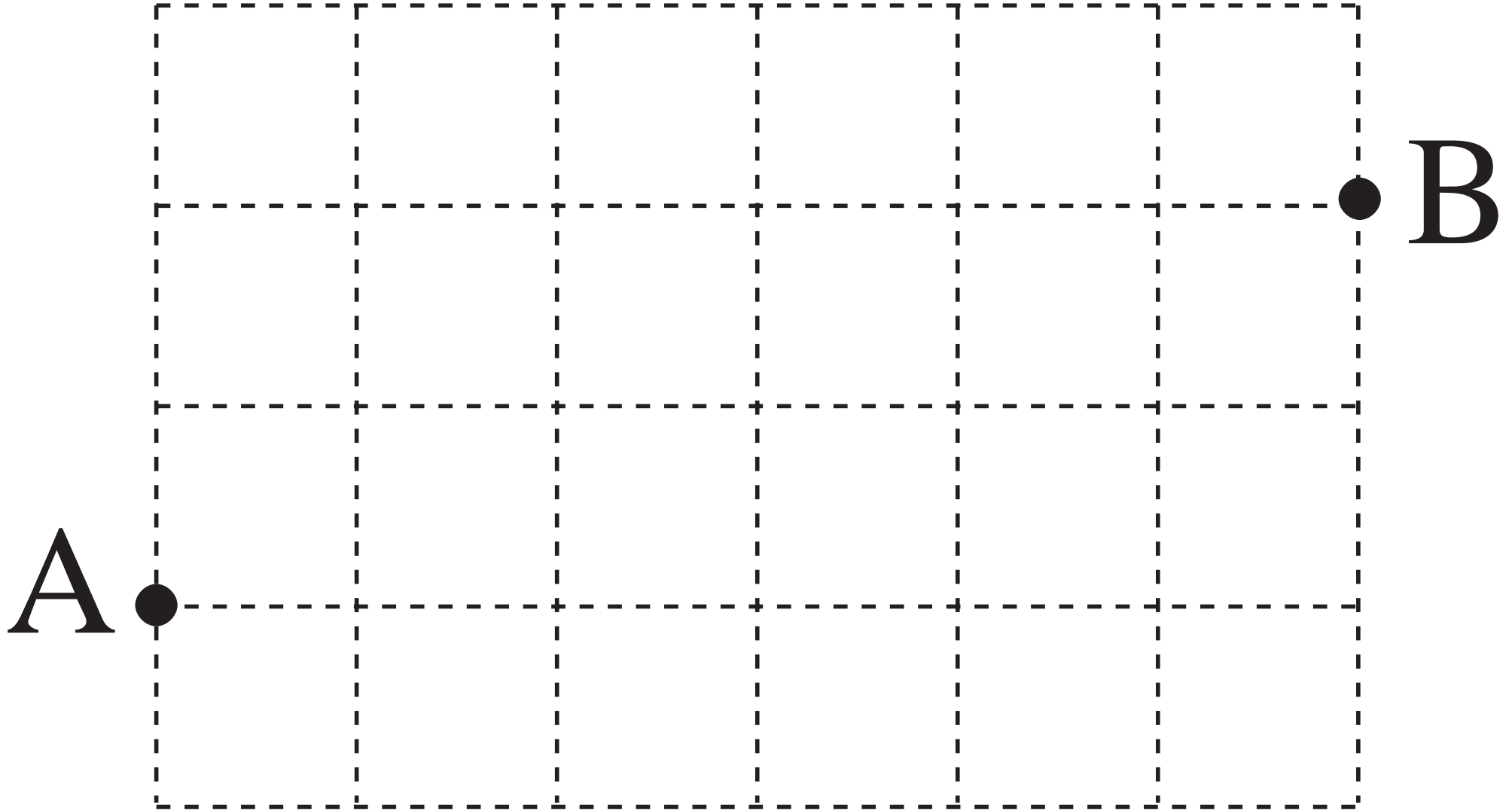
n)  $3500 \text{ g} = \boxed{\phantom{00000}} \text{ kg}$

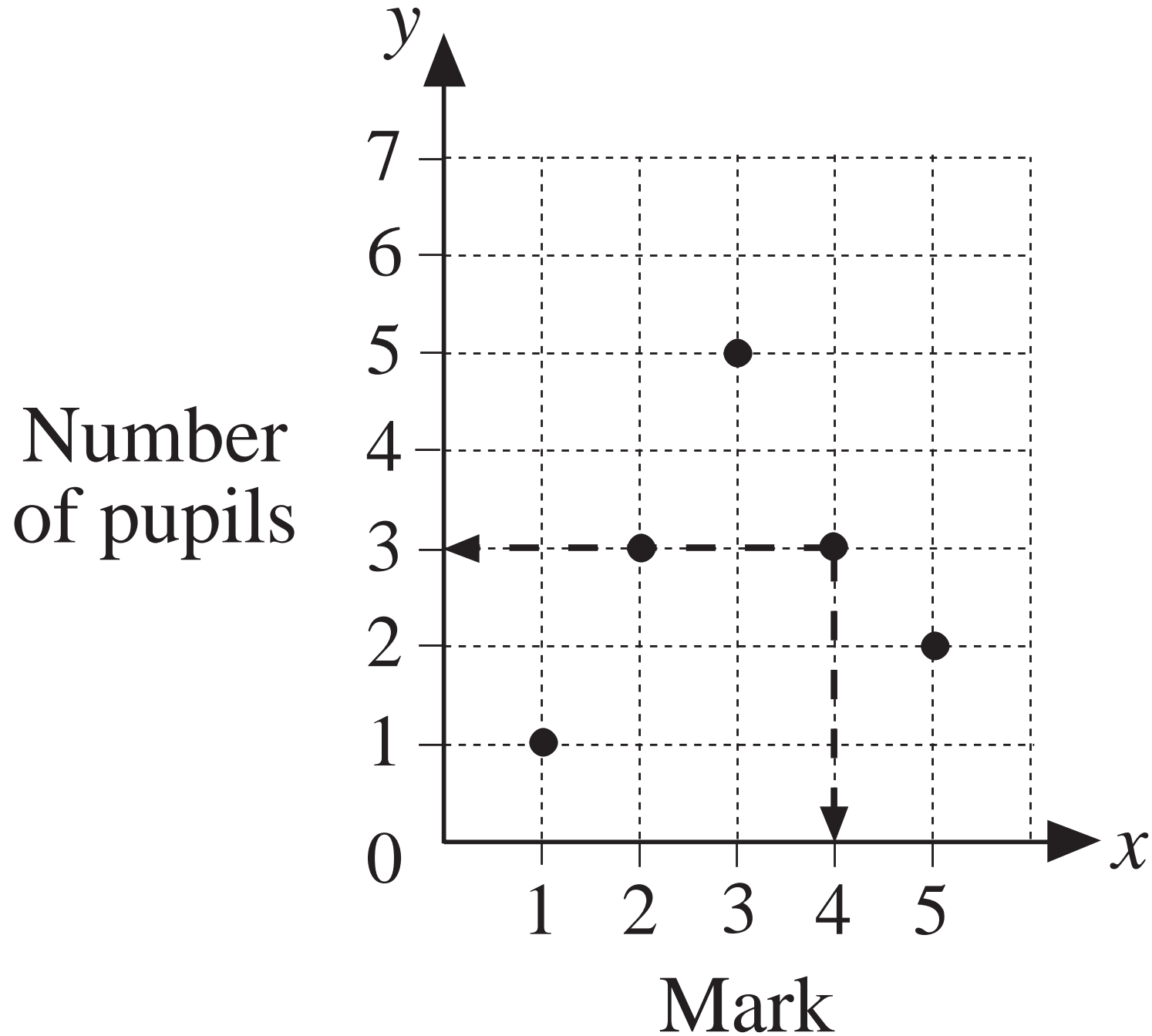




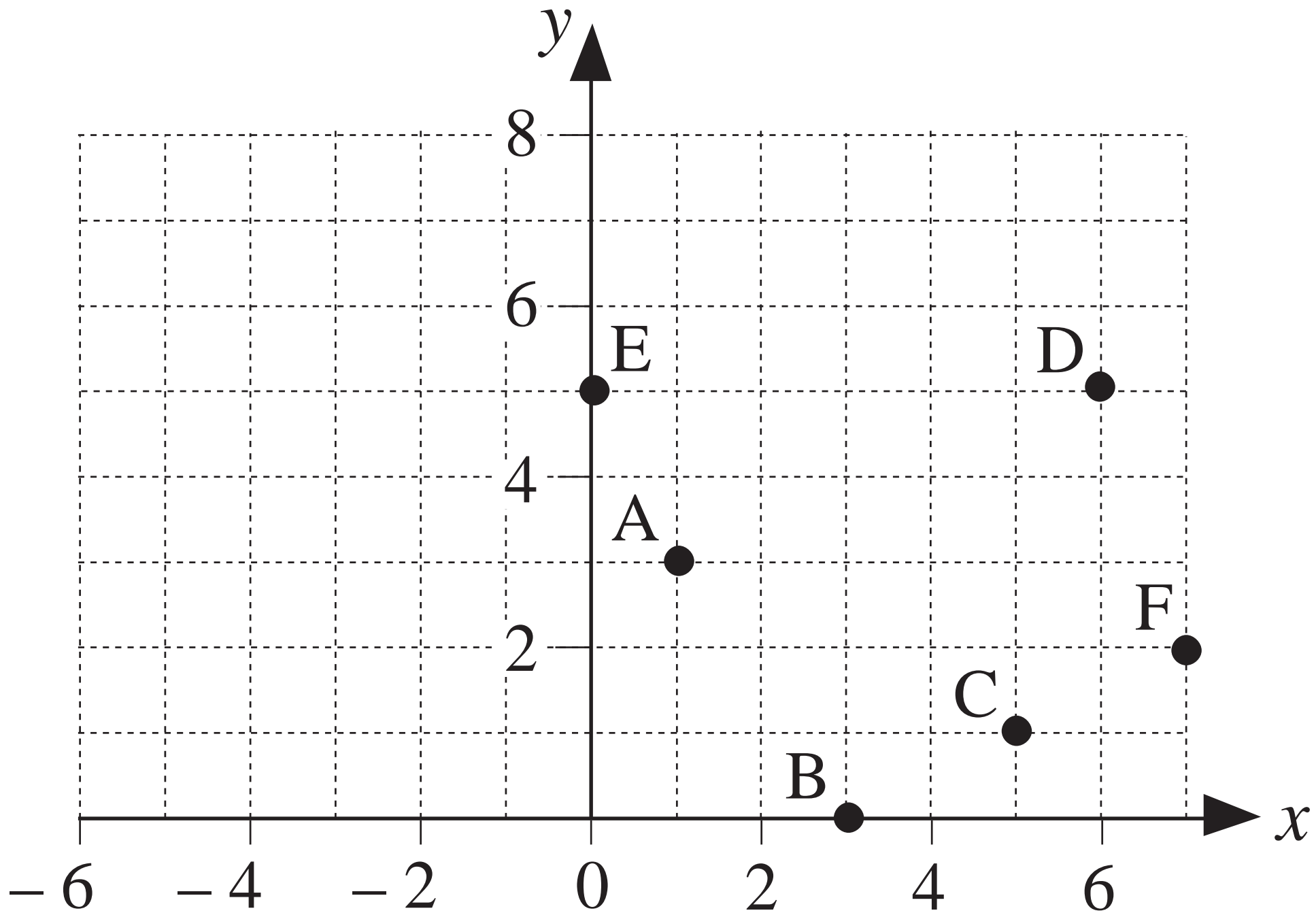


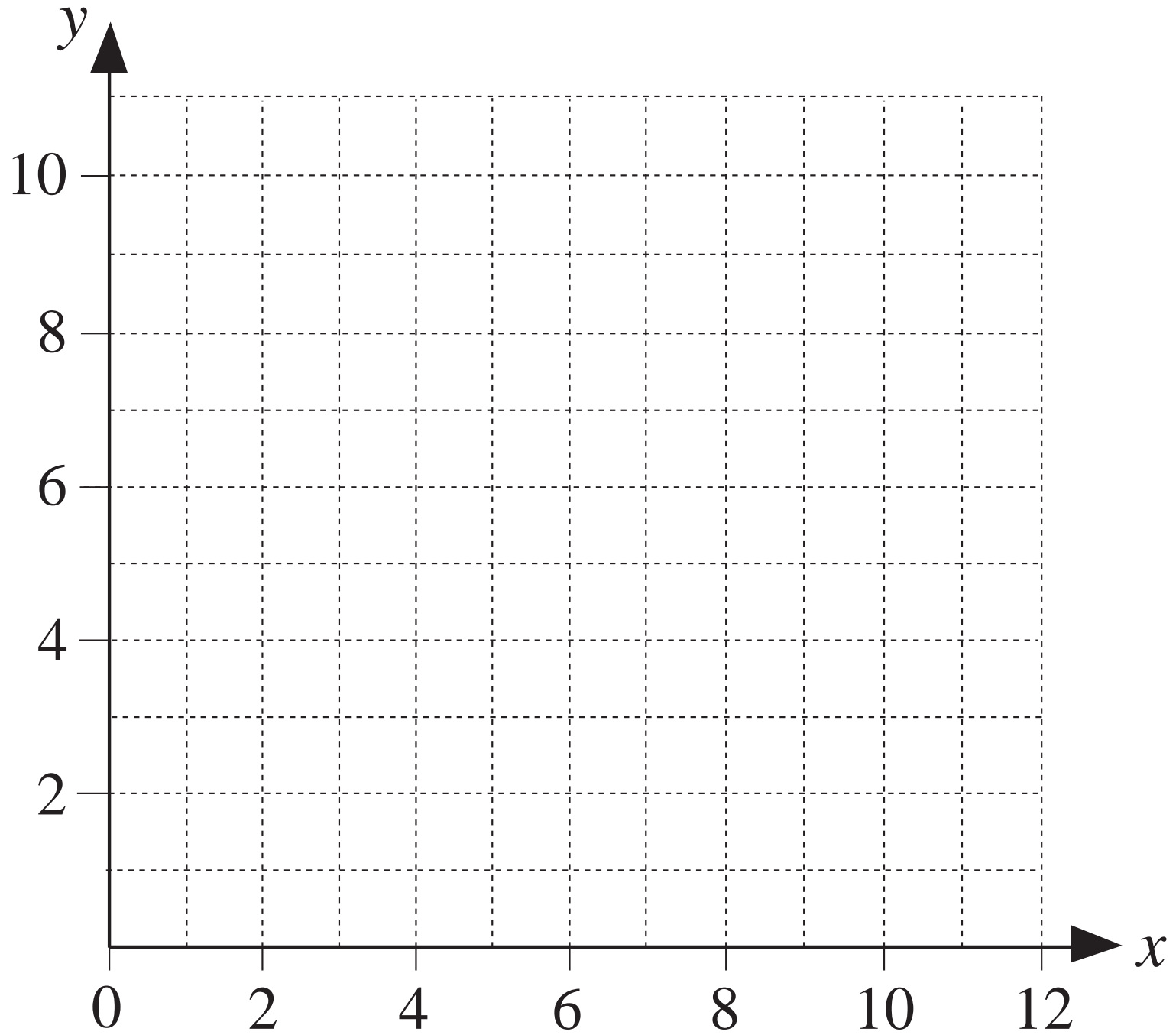




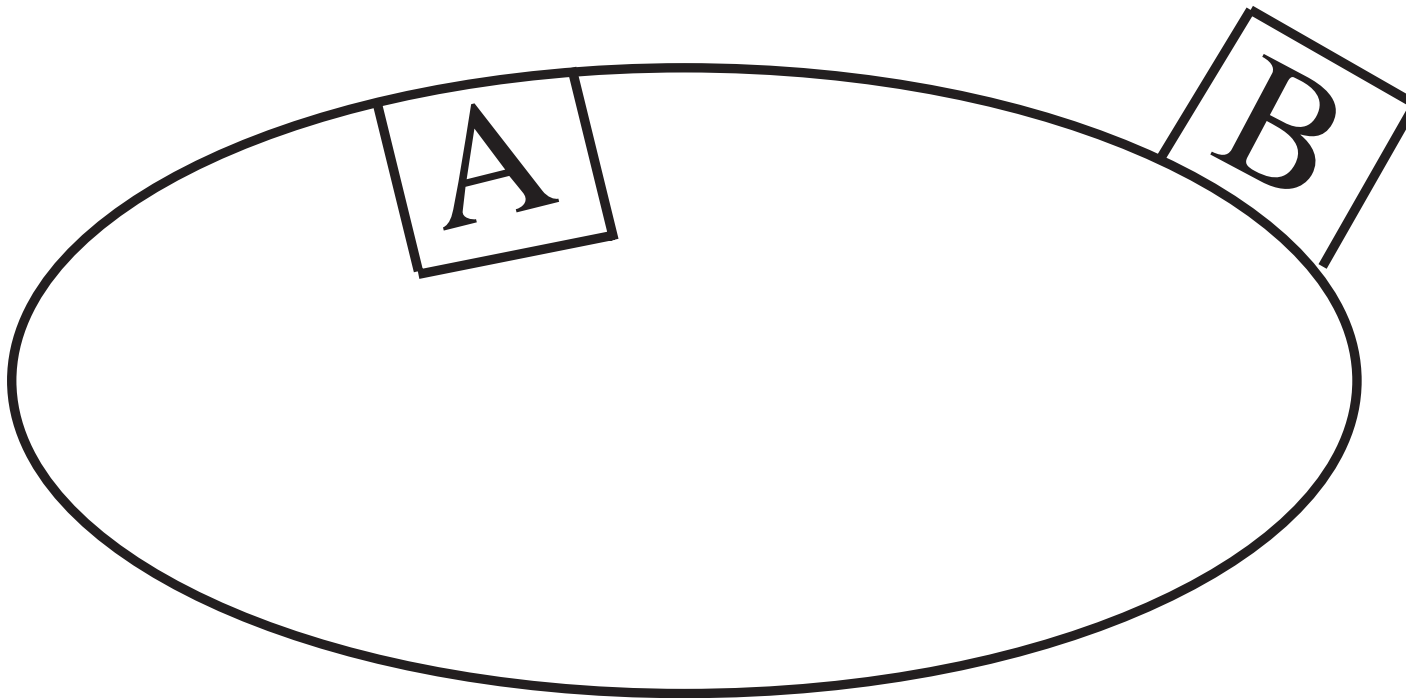


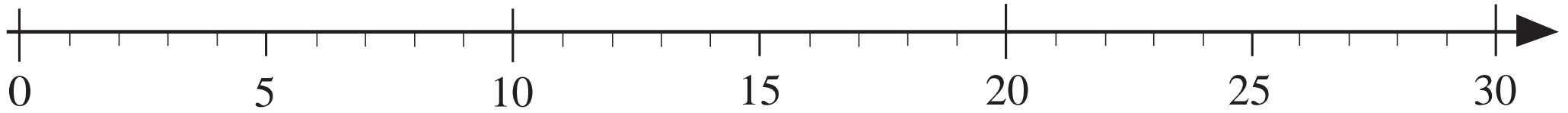






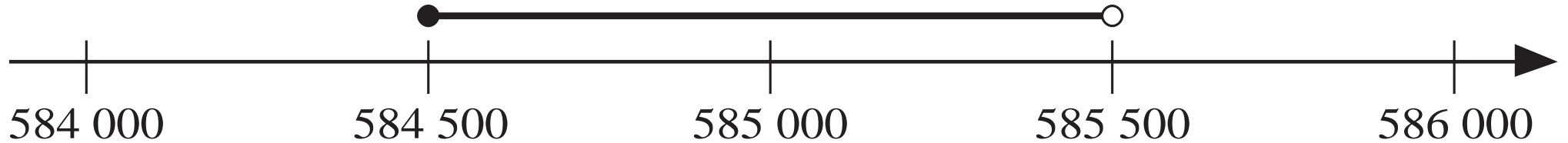
# Natural numbers



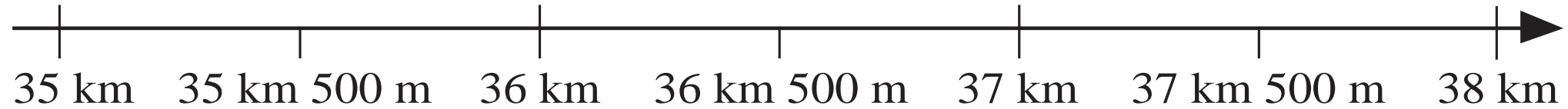


LP 7/7b

$584\,500 \leq \text{population} < 585\,500$



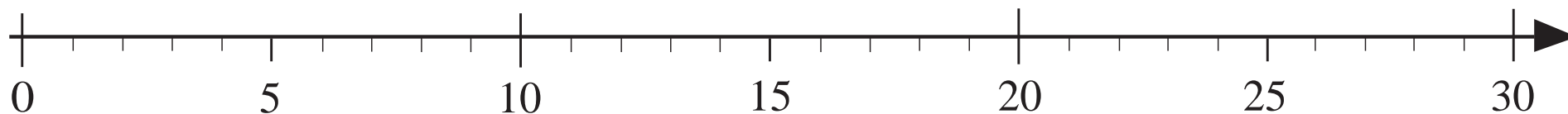
LP 7/9a



LP 7/9b

a)  $x$  is less than or equal to 17.

.....



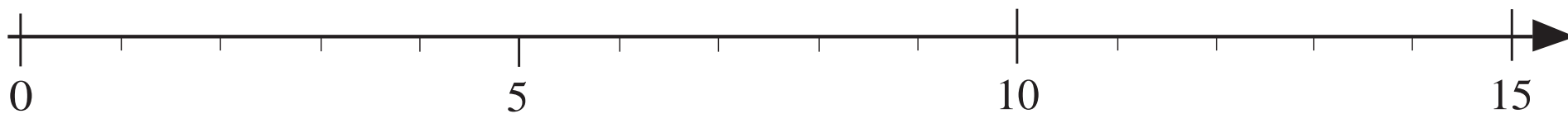
b)  $y$  is less than 8.

.....

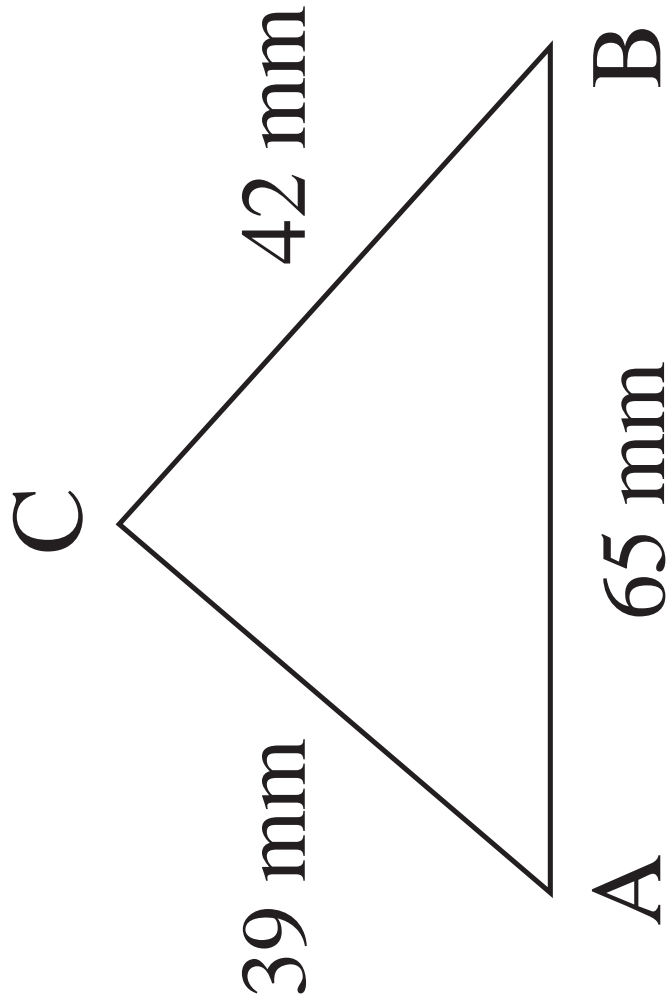


c)  $z$  is at least 7 and at most 10.

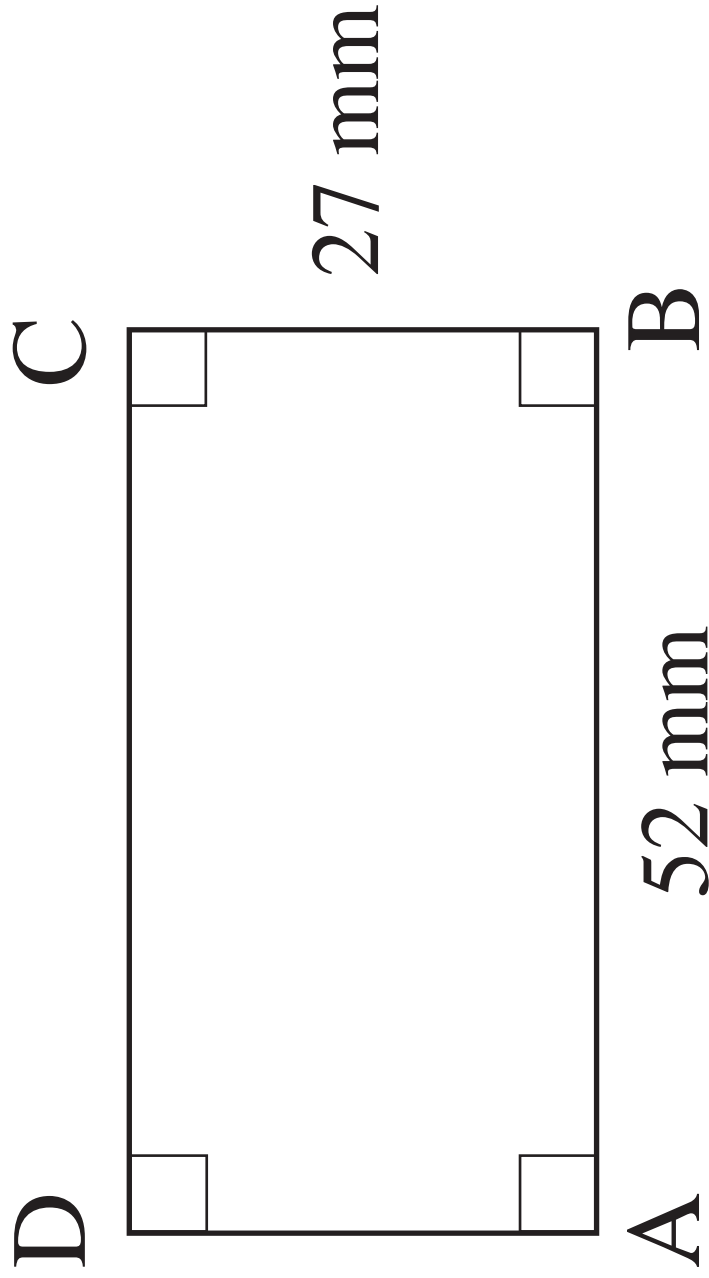
.....



a)


 $P =$ 

b)


 $P =$

	Th	H	T	U
A				
B				
C				
Total				

Th			
H			
T			
U			

Th			
H			
T			
U			



a) *E*: .....

	1	4	2
	3	1	3
+	4	4	1

 b) *E*: .....

	1	5	2	6
	3	8	0	4
+	2	4	3	7

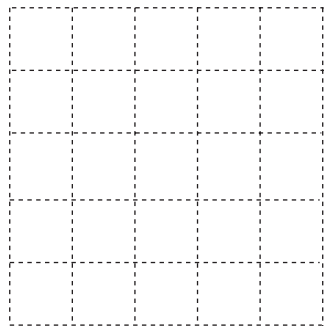
 c) *E*: .....

		4	5	3
		7	0	9
+	3	4	5	6

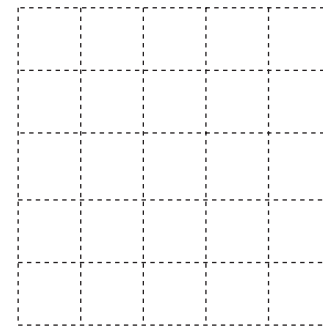
 d) *E*: .....

	3	5	6	7	
			3	4	
1	1	5	8	9	
+		9	0	7	8

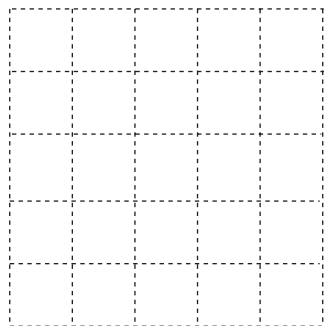
a)  $345 + 276 + 516 + 1018$



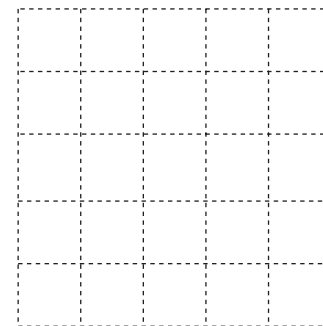
b)  $2305 + 4076 + 291 + 1000$



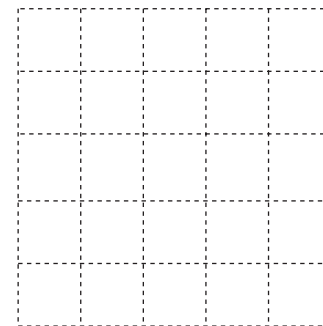
c)  $5077 + 9246 + 260 + 8705$



d)  $1010 + 8 + 26 + 3004$



e) Seven thousand, three hundred and fifteen  
 + eight hundred and ninety-one  
 + three hundred + fifty-five



a)  $E:$  .....

	5	6	7
-	4	5	6

 b)  $E:$  .....

	4	4	5	3
-		7	0	9

 c)  $E:$  .....

	7	5	0	3	8
-		2	8	9	0

 d)  $E:$  .....

	1	3	0	6	7
-		6	0	9	4

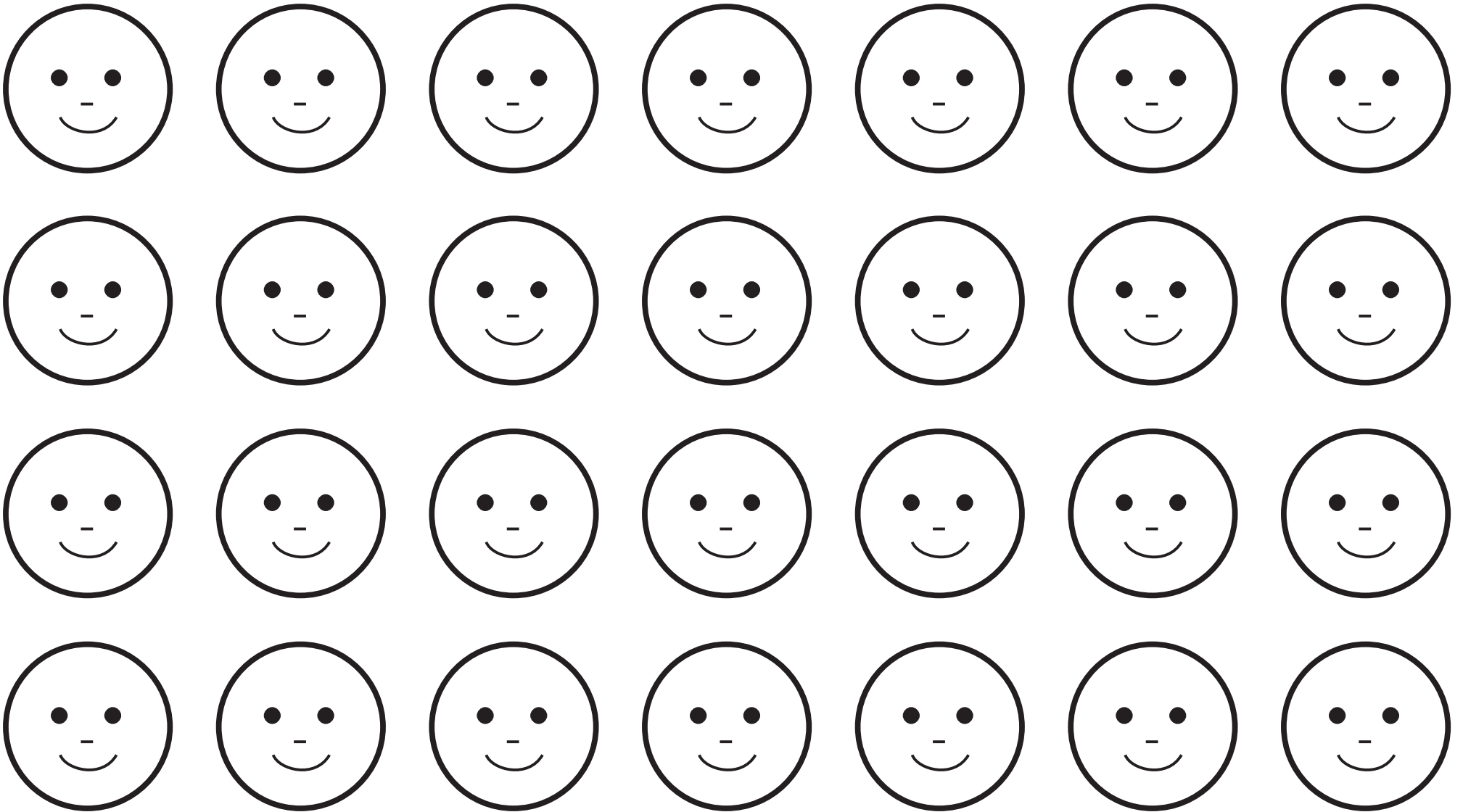
LP 9/9

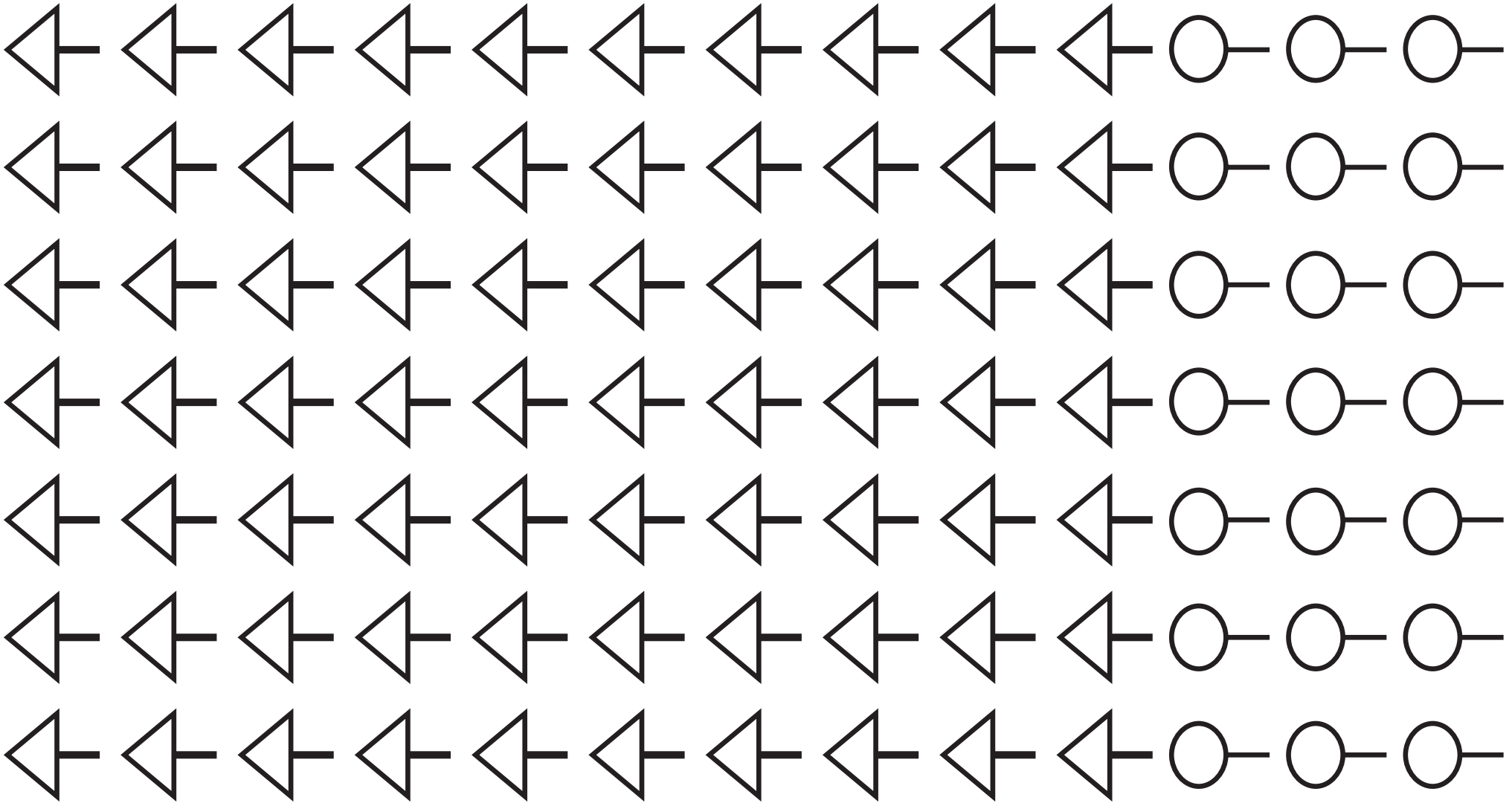
 a)  $5678 - 2451$ 


 b)  $8636 - 3452$ 


 c) the difference between 8675  
and 3456


LP 9/10



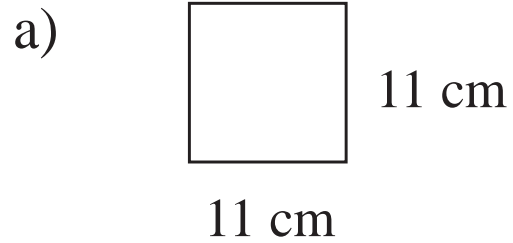




<b>×</b>	<b>0</b>	<b>1</b>	<b>2</b>	<b>3</b>	<b>4</b>	<b>5</b>	<b>6</b>	<b>7</b>	<b>8</b>	<b>9</b>	<b>10</b>
<b>0</b>	0		0	0	0	0	0	0	0	0	0
<b>1</b>	0	1	2	3	4	5	6	7	8	9	10
<b>2</b>	0	2	4	6	8	10	12	14	16	18	20
<b>3</b>	0		6		12	15					30
<b>4</b>	0	4	8	12	16	20	24	28	32	36	40
<b>5</b>	0	5	10	15	20	25	30	35	40	45	50
<b>6</b>	0	6	12		24	30					60
<b>7</b>	0	7	14		28	35					70
<b>8</b>	0		16		32	40					80
<b>9</b>		9	18		36	45					90
<b>10</b>	0	10	20	30	40	50	60	70	80	90	100

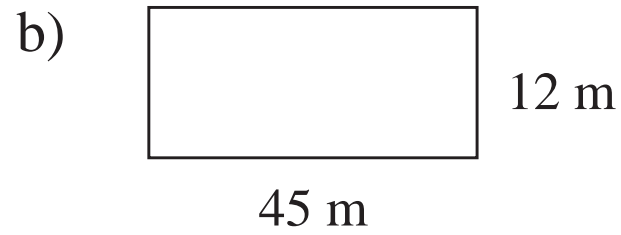


×	0	1	2	3	4	5	6	7	8	9	10	11	12
0	0	0	0	0	0	0	0	0	0	0	0		
1	0	1		3			6	7	8	9			12
2	0	2		6								22	
3	0	3		9			18	21	24	27			
4	0			12									
5	0			15									
6	0	6		18			36	42	48	54			
7	0	7		21			42	49	56	63			
8	0	8		24			48	56	64	72			
9	0	9		27			54	63	72	81			
10	0												
11		11											132
12			24							108			



$$P = \text{-----}$$

$$A = \text{-----}$$



$$P = \text{-----}$$

$$A = \text{-----}$$

LP 12/8

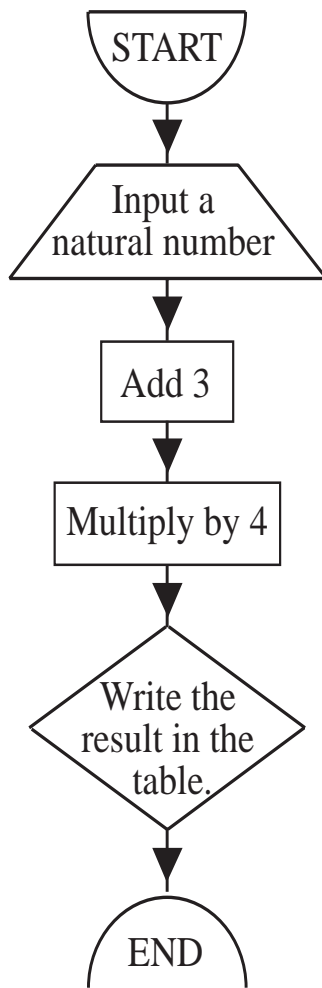
<i>a</i>	1	2	3	4			7	8	9		11	12	
<i>A</i>	1	4	9		25	36				100			169

*Rule:*  $A =$

LP 12/9

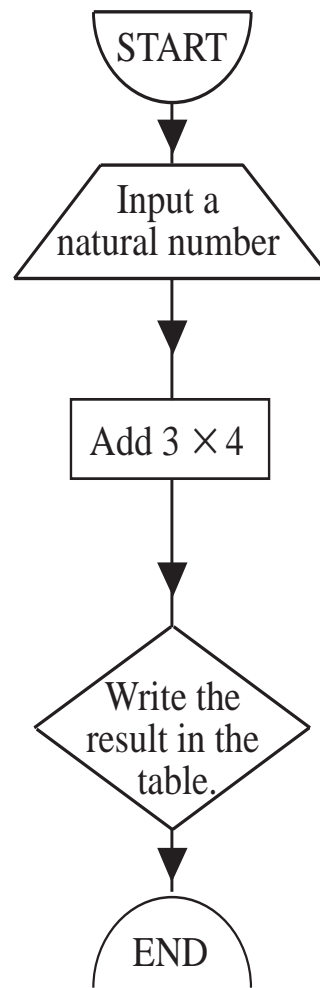


a)



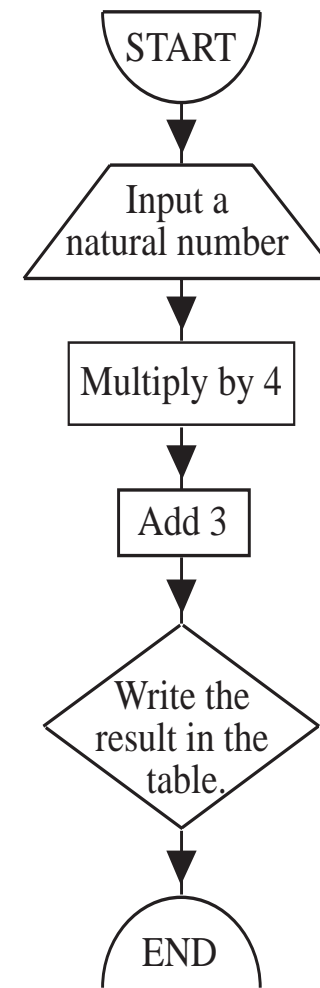
$n$	1	2	3	4	5	6
Output						

b)



$n$	1	2	3	4	5	6
Output						

c)



$n$	1	2	3	4	5	6
Output						

Th	H	T	U
	3	2	7

 $\times 6$ 

Th	H	T	U
	3	2	7

 $\times 6$ 

LP 13/6

a)

H	T	U

 $\leftarrow 43 \times 20$   
 $\leftarrow 43 \times 3$

b)

H	T	U
	4	3

 $\times$ 

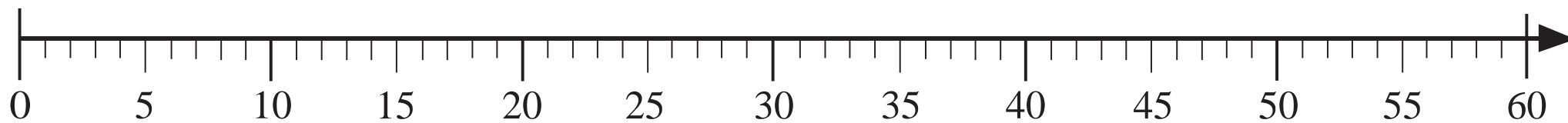
T	U
2	3

c)

H	T	U
	4	3

 $\times$ 

T	U
2	3

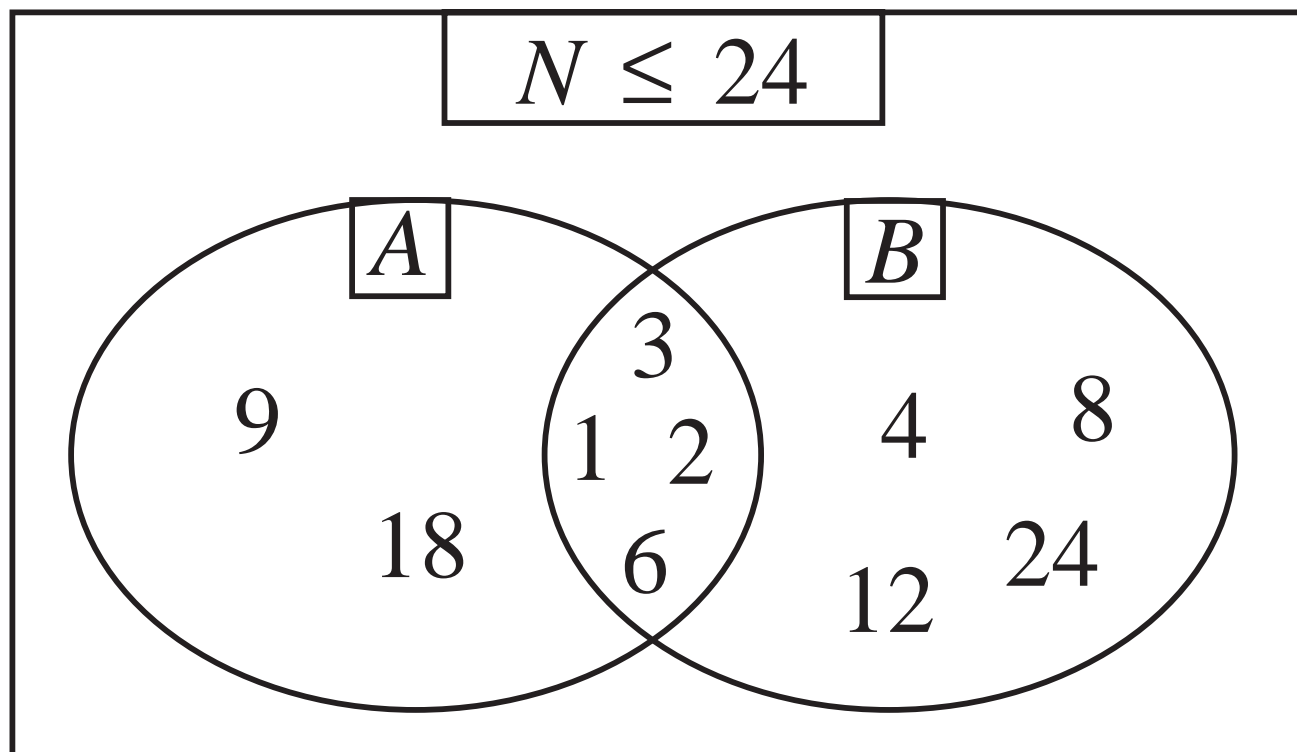


LP 14/1

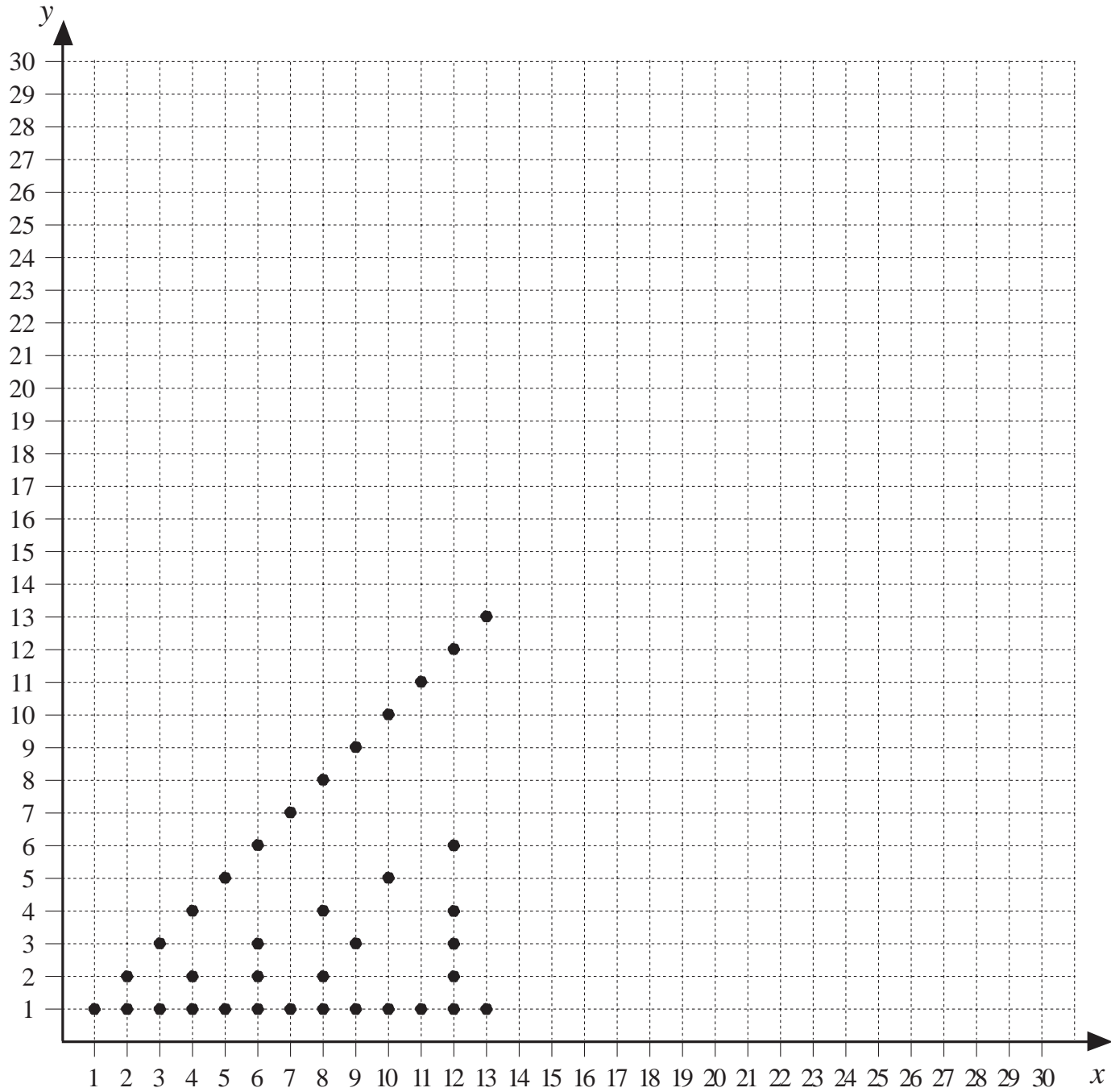
Flowers per bunch	1	2	3	4			12	
Number of bunches	24	12			4	3		1

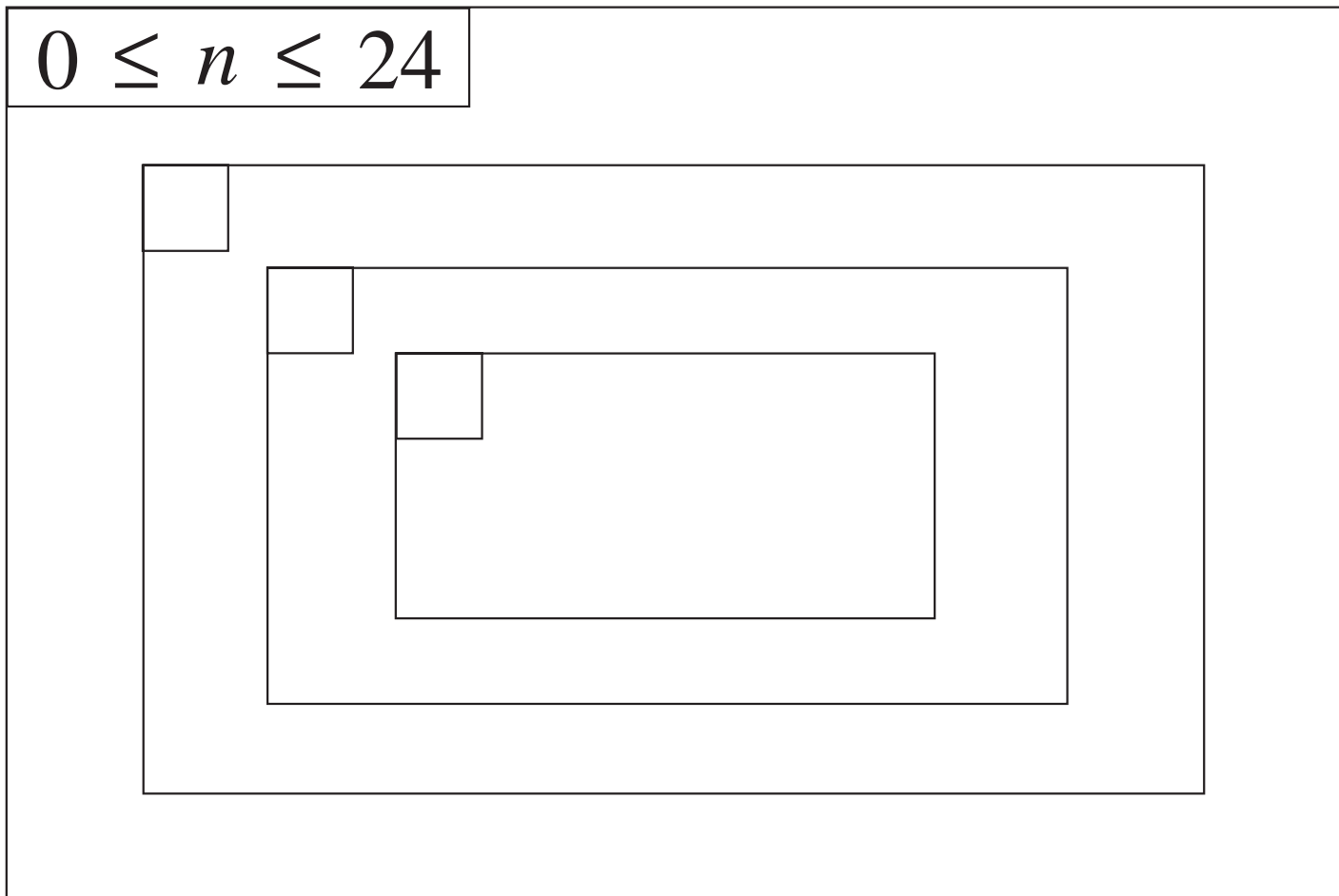
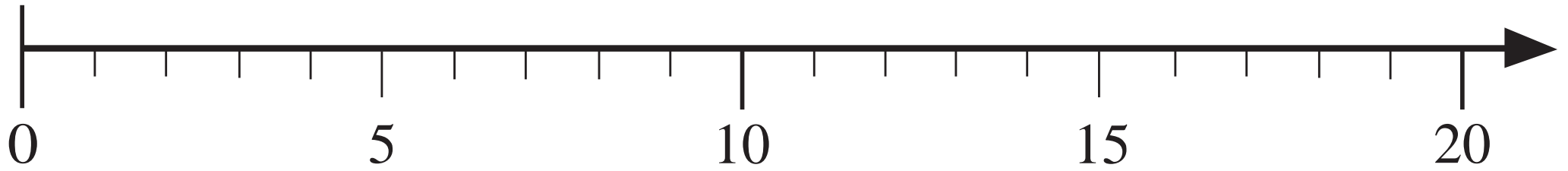
LP 14/4

Factors of 18	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24
Factors of 24	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24



$A = \{$ 
9
18
1
2
3
6
 $\}$ 
 $B = \{$ 
4
8
12
24
1
2
3
6
 $\}$





15    30    41    77    80    92    104    150    300

a)

Divisible by 2

b)

Multiple of 4

c)

Divisible by 5

d)

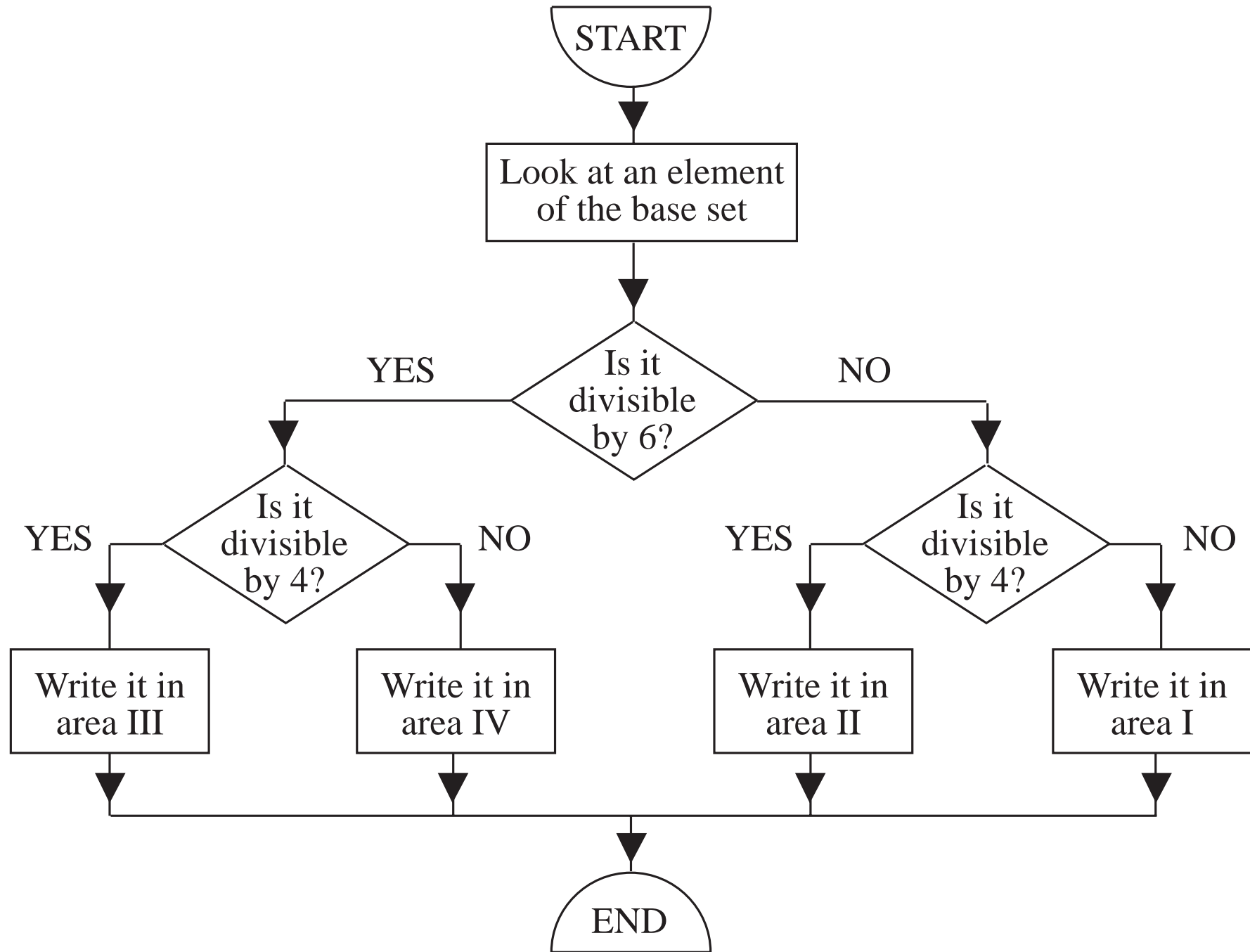
Multiple of 10

e)

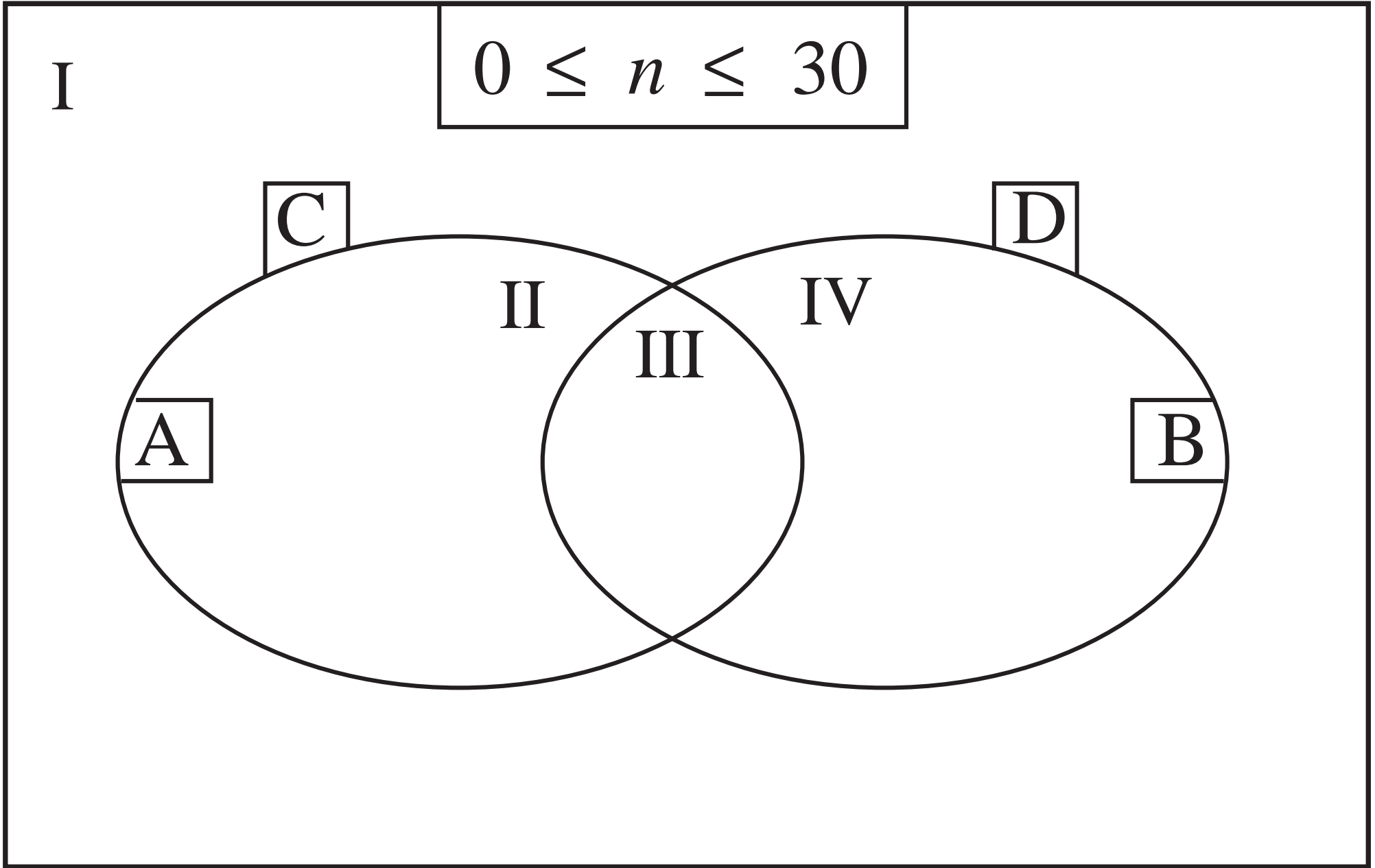
Divisible by 25

f)

Multiple of 100







a)  $\boxed{x} \times 7 = 63$   
 $x = \boxed{\phantom{00}}$

b)  $\boxed{y} \times 5 = 0$   
 $y = \boxed{\phantom{00}}$

c)  $\boxed{z} \times 0 = 8$   
 $z = \boxed{\phantom{00}}$

d)  $\boxed{u} \times 143 = 143$   
 $u = \boxed{\phantom{00}}$

a)  $(12 + 10) \times 5 = \boxed{\phantom{000}}$      $12 + 10 \times 5 = \boxed{\phantom{000}}$      $12 \times 5 + 10 \times 5 = \boxed{\phantom{000}}$

b)  $32 \times 3 - 12 \times 3 = \boxed{\phantom{000}}$      $(32 - 12) \times 3 = \boxed{\phantom{000}}$      $32 - 12 \times 3 = \boxed{\phantom{000}}$

c)  $72 \div 8 + 24 \div 8 = \boxed{\phantom{000}}$      $(72 + 24) \div 8 = \boxed{\phantom{000}}$      $72 + 24 \div 8 = \boxed{\phantom{000}}$

d)  $(32 - 12) \div 4 = \boxed{\phantom{000}}$      $32 \div 4 - 12 \div 4 = \boxed{\phantom{000}}$      $32 - 12 \div 4 = \boxed{\phantom{000}}$

e)  $(42 - 10) + 5 = \boxed{\phantom{000}}$      $42 - 10 + 5 = \boxed{\phantom{000}}$      $42 - (10 + 5) = \boxed{\phantom{000}}$

f)  $(10 \times 8) \times (25 \times 8) = \boxed{\phantom{000}}$      $(10 \times 25) \times 8 = \boxed{\phantom{000}}$      $10 \times 25 \times 8 = \boxed{\phantom{000}}$

g)  $42 \times 12 \div 3 = \boxed{\phantom{000}}$      $(42 \div 12) \times 3 = \boxed{\phantom{000}}$      $42 \times (12 \div 3) = \boxed{\phantom{000}}$

a)

	3	8	9	

$$89 = \boxed{\phantom{00}}$$

b)

	4	8	9	

$$89 = \boxed{\phantom{00}}$$

c)

	5	8	9	

$$89 = \boxed{\phantom{00}}$$

d)

	6	8	9	

$$89 = \boxed{\phantom{00}}$$

a)

	7	9	6		

b)

	8	9	6		

c)

	2	1	5	9	

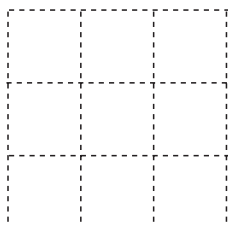
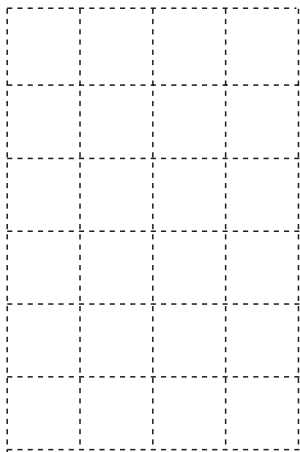
d)

	3	4	9	1					

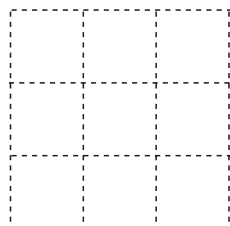
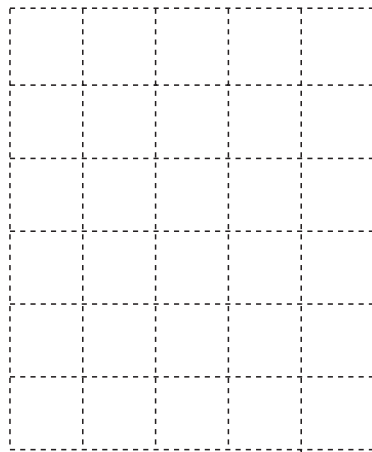
e)

	9	4	9	1	

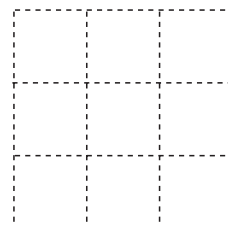
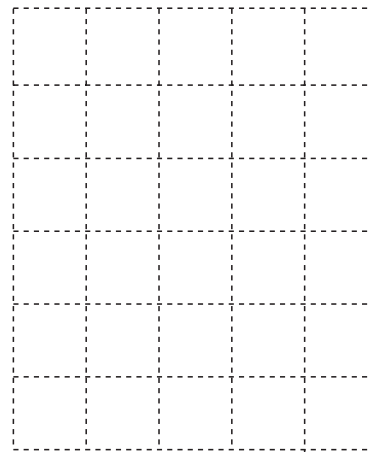
a)  $123 \div 9$



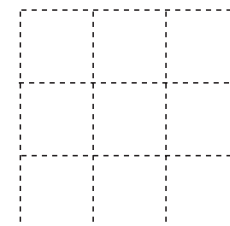
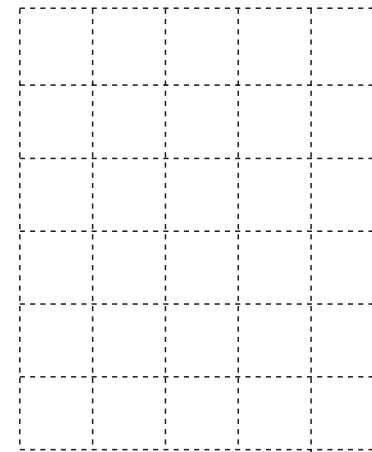
b)  $123 \div 10$



c)  $123 \div 11$



d)  $123 \div 12$



a)

6	9	9	8


b)

6	9	9	9


c)

6	1	0	0	0


d)

6	1	0	0	1


e)

6	1	0	0	2


20   300   55   60   110   27   64   100   125   324   10 900

Divisible by 3

Divisible by 4

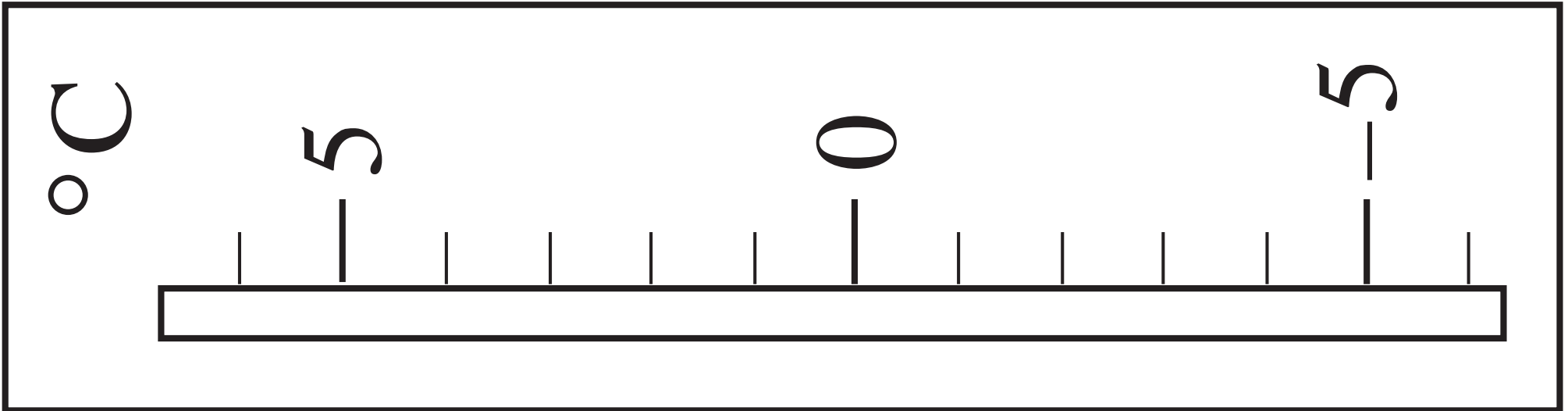
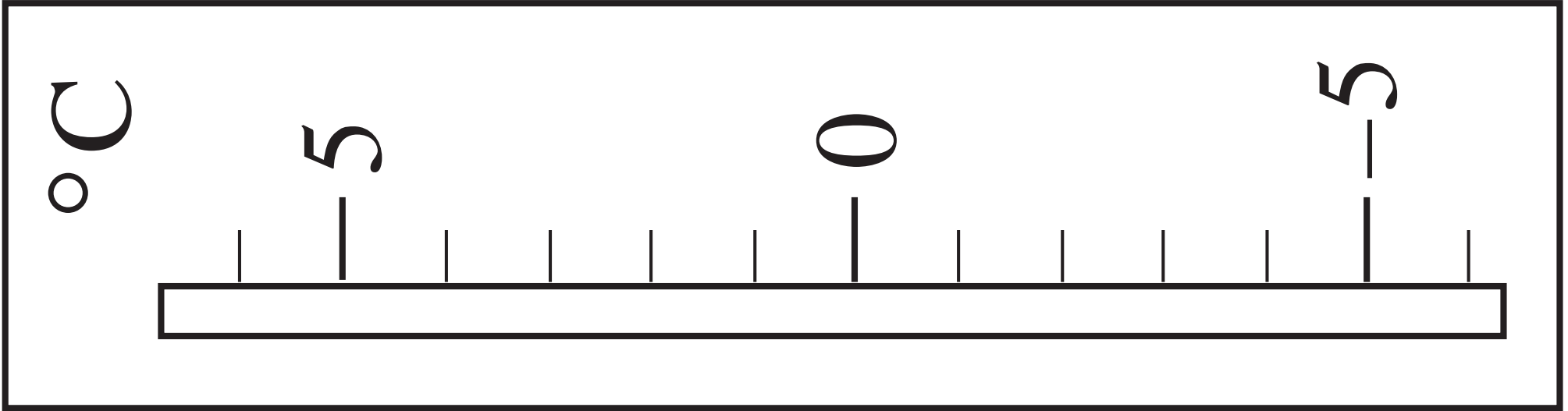
Divisible by 5

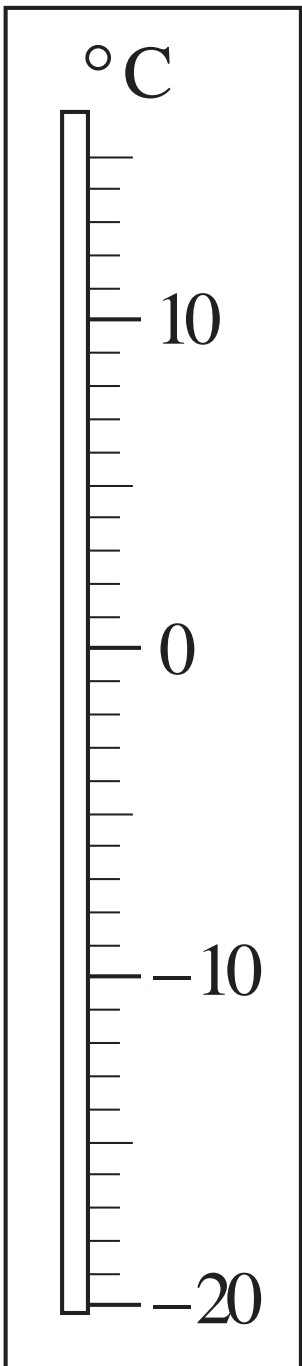
Multiple of 10

Multiple of 25

Multiple of 100







- a) The temperature is  $-3^{\circ}\text{C}$ ,  
 then
- i) it rises by  $2^{\circ}\text{C}$
  - ii) it rises by  $3^{\circ}\text{C}$
  - iii) it rises by  $10^{\circ}\text{C}$
  - iv) it falls by  $2^{\circ}\text{C}$

*New temperature*

.....

.....

.....

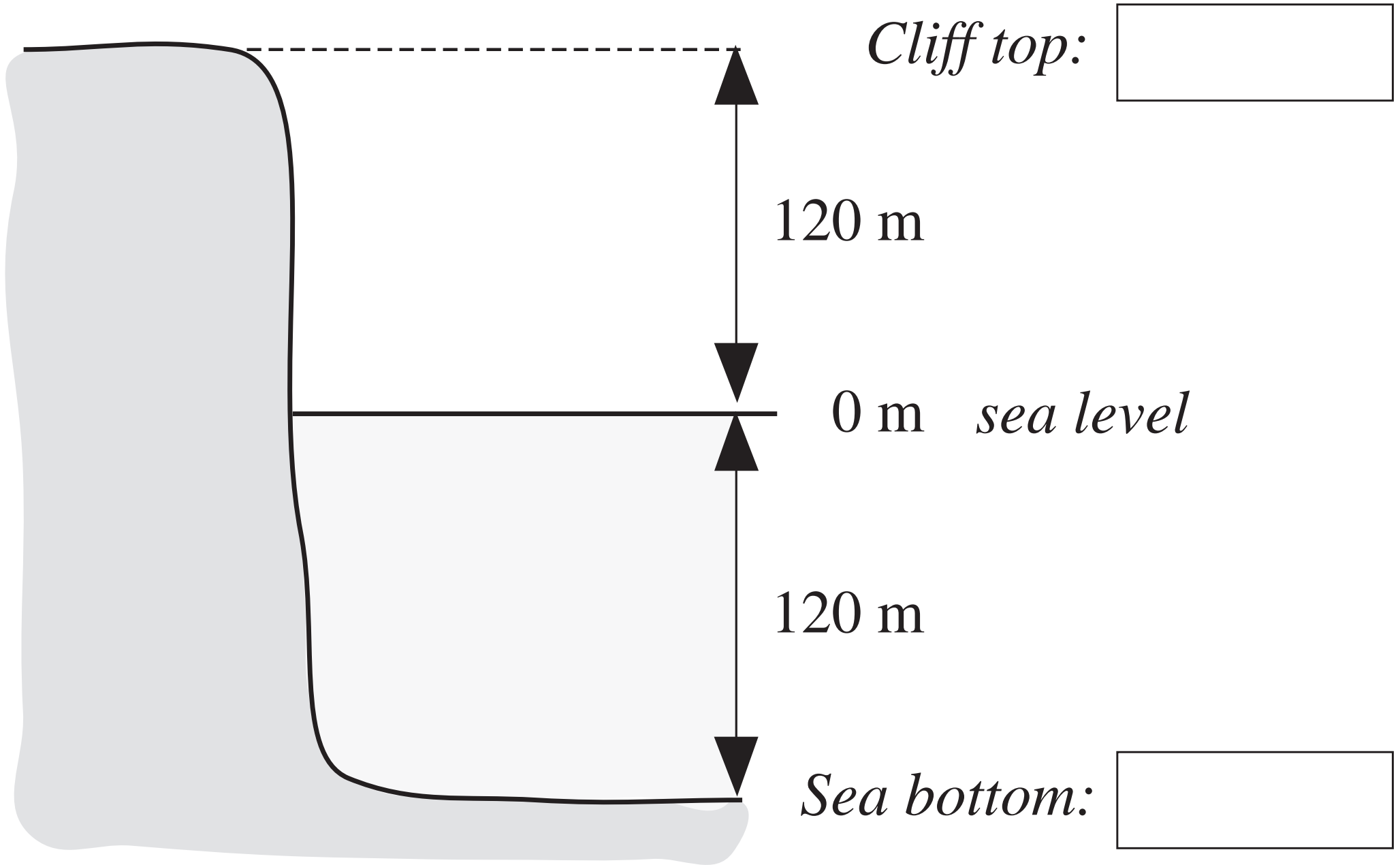
.....

- b) The temperature is  $3^{\circ}\text{C}$ ,  
 then:
- i) it falls by  $2^{\circ}\text{C}$
  - ii) it falls by  $3^{\circ}\text{C}$
  - iii) it falls by  $10^{\circ}\text{C}$

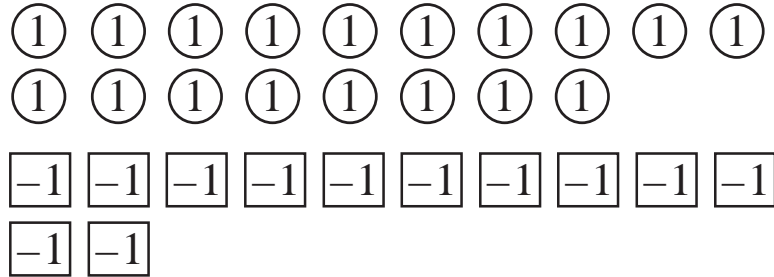
.....

.....

.....

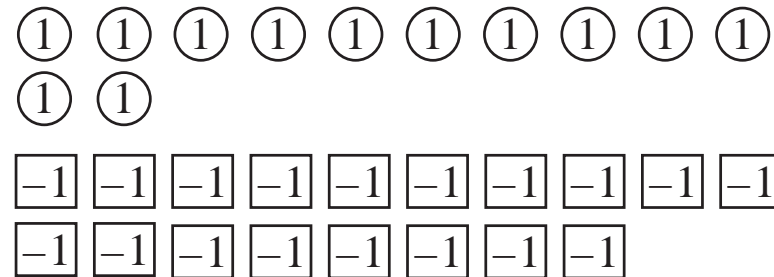


a) Mike has £18 in cash  
and is £12 in debt.



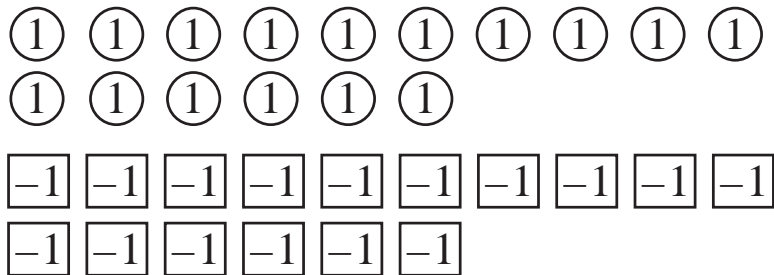
*Balance*

b) Nick has £12 in cash  
and is £18 in debt.

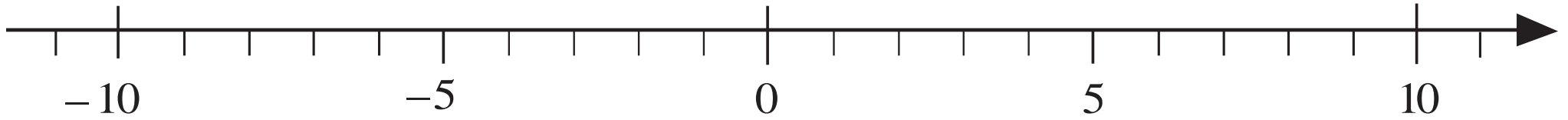


*Balance*

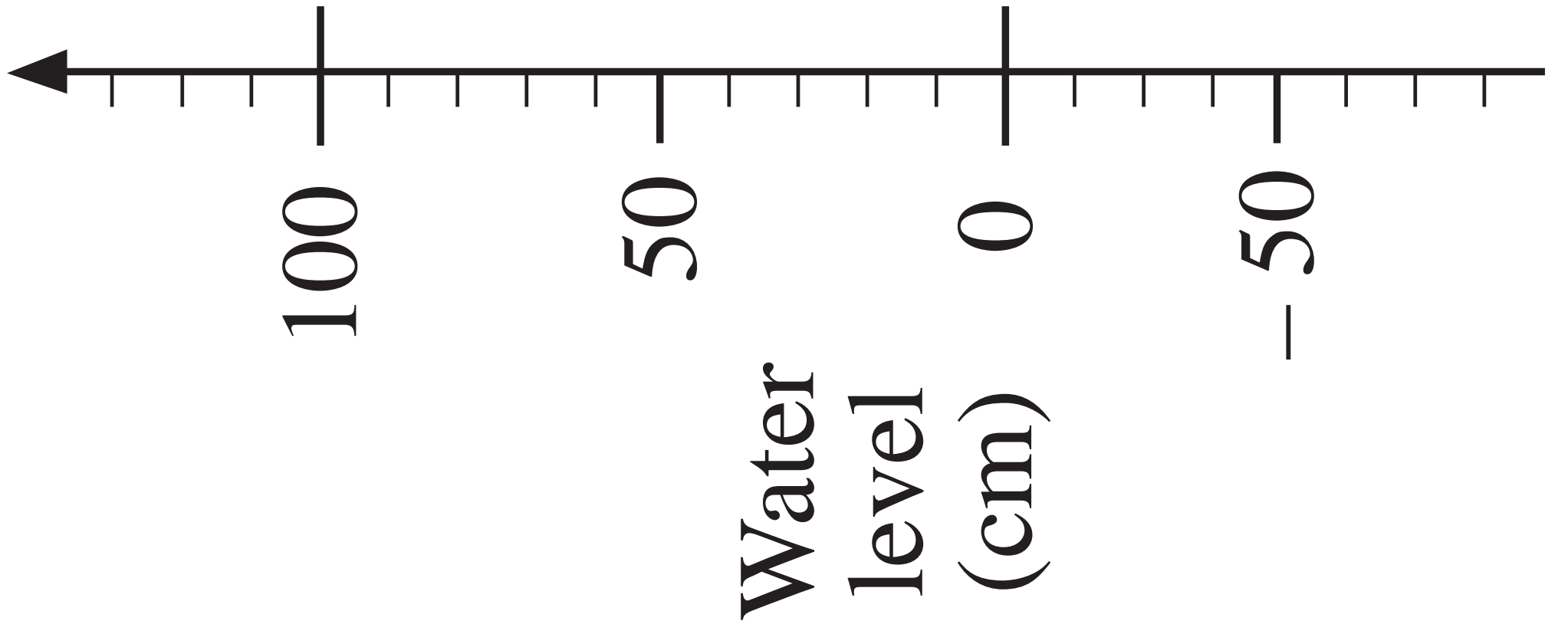
c) Luke has £16 in cash  
and is £16 in debt.



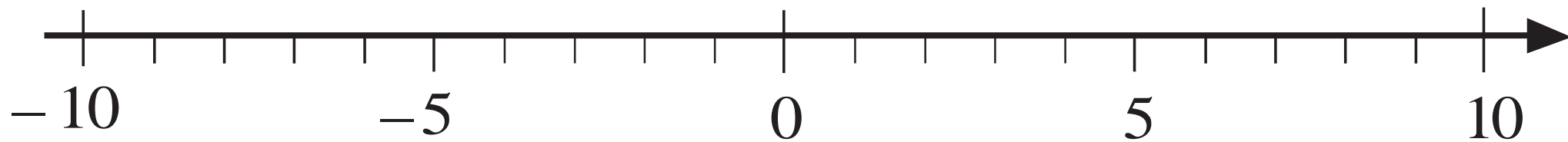
*Balance*

$\{ -7, 10, 0, 11, -10, 5, 7 \}$ 

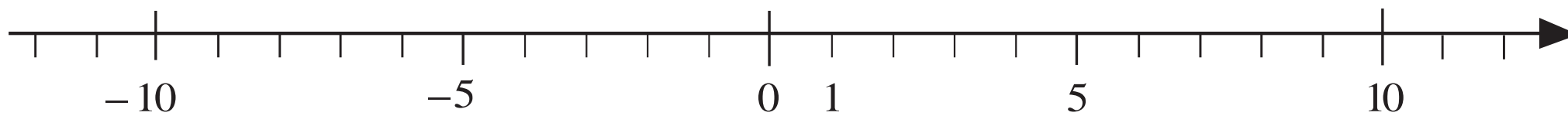
LP 21/9



LP 22/1

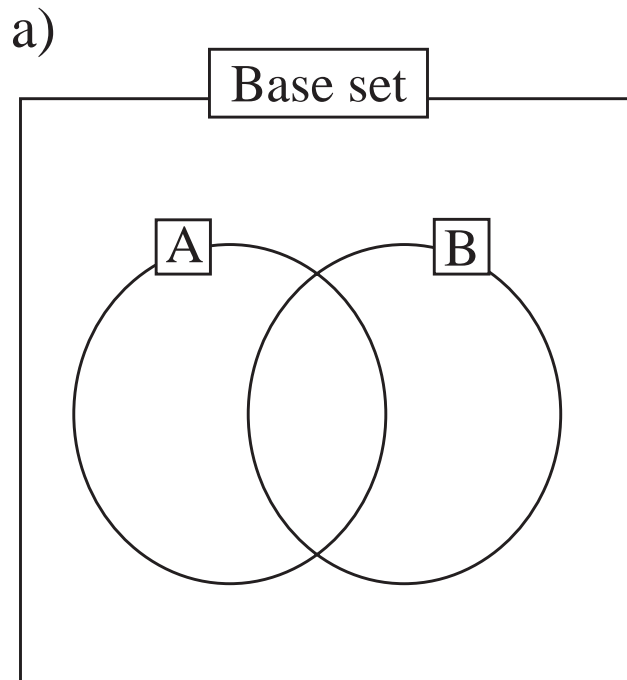


LP 22/2

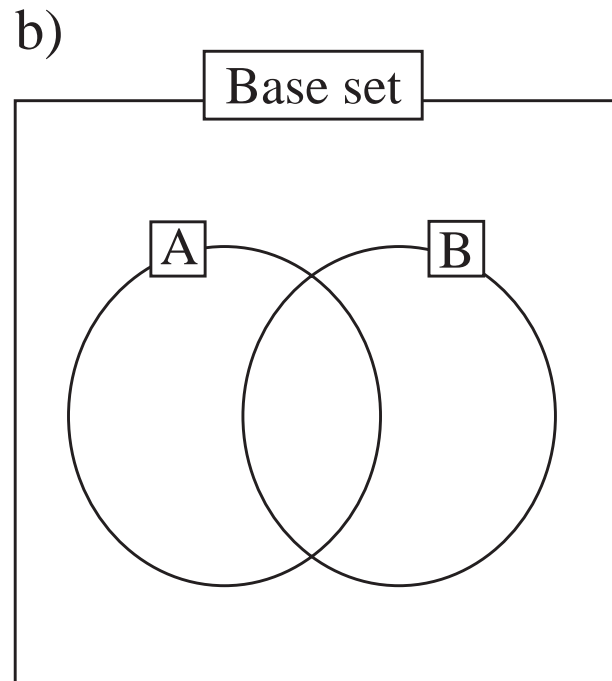


LP 22/6

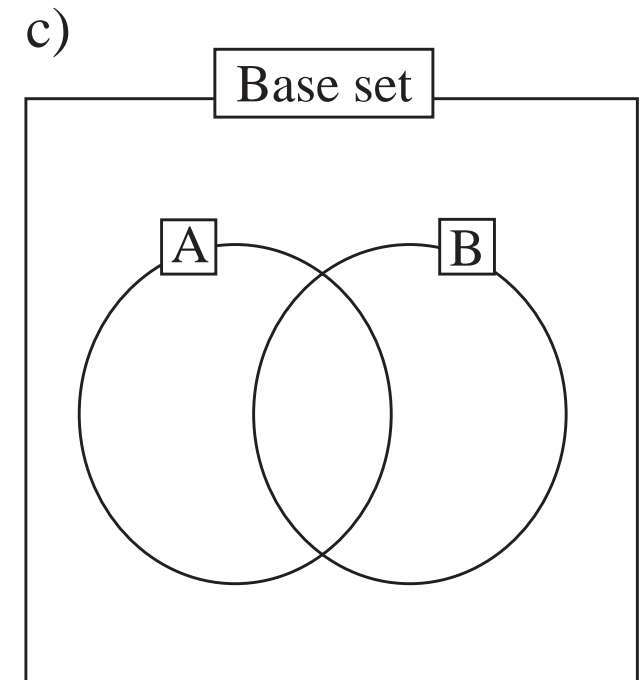
$$U = \{ -5, -4, -3, -2, -1, 0, 1, 2, 3, 4, 5 \}$$



A = {negative numbers}  
B = {positive numbers}



A = {at least zero}  
B = {at most zero}



A = {more than -3}  
B = {less than 4}

- i) 6 is more than 0 by        $6 - 0 = \text{}$        $\text{} + 0 = 6$
- ii)  $-6$  is less than  by 6       $-6 - 0 = \text{}$        $\text{} + 0 = \text{}$
- iii)  $+6$  is more than  $+2$  by        $+6 - (+2) = \text{}$        $\text{} + 2 = 6$
- iv) 6 is more than  $-3$  by        $6 - (-3) = \text{}$        $\text{} + (-3) = 6$
- v)  $-3$  is more than  $-8$  by        $-3 - (-8) = \text{}$        $\text{} + (-8) = -3$
- vi) 2 is less than 6 by  2       $-(+6) = \text{}$        $\text{} + 6 = 2$
- vii)  $-3$  is less than  $+2$  by        $-3 - (+2) = \text{}$        $\text{} + 2 = -3$



<i>a</i>	2	-1	2	5	-3		4	0	7	-4	
<i>b</i>	5	-4	-6	0	3	1		-8		11	-4
<i>c</i>	7	-5	-4			8	-3		0		2

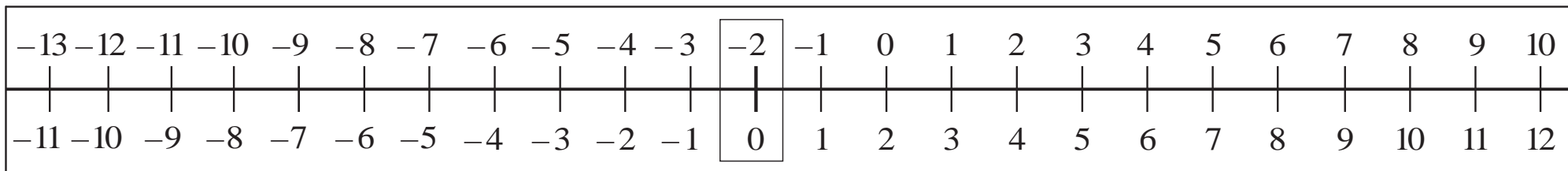
*Rule:*  $c =$                        $a =$                        $b =$

LP 23/7

<i>x</i>	5	6	-2	5	-2	4	2	8	-3	3	-2	-5	6
<i>y</i>	5	3	0	-2	5	9	-5	-8	10	-10	-5	-2	-6
<i>z</i>	0	3	2	7	7								

$z$  is the  between  $x$  and  $y$

LP 23/9



$3 - 1 =$                        $2 - 0 =$                        $5 - 3 =$                        $9 - 7 =$                        $12 - 10 =$

$1 - (-1) =$                        $0 - (-2) =$                        $-1 - (-3) =$                        $-2 - (-4) =$                        $-3 - (-5) =$

$2 - 4 =$                        $3 - 5 =$                        $6 - 8 =$                        $1 - 3 =$                        $0 - 2 =$

$-1 - 1 =$                        $-2 - 0 =$                        $-3 - (-1) =$                        $-5 - (-3) =$                        $-8 - (-6) =$

$2 + 3 =$                        $2 + 5 =$                        $2 + 10 =$                        $2 + (-2) =$                        $2 + (-5) =$

$-2 + 0 =$                        $-2 + 1 =$                        $-2 + 2 =$                        $-2 + 3 =$                        $-2 + 7 =$

$-2 + (-1) =$                        $-2 + (-2) =$                        $-2 + (-5) =$                        $-2 + (-9) =$                        $-2 + (-4) =$

a)  $\square \geq -5$

$\square$  : .....

b)  $\triangle < 3$

$\triangle$  : .....

c)  $-5 < \text{semicircle} < 2$

semicircle : .....

d)  $-7 < \text{C-shape} \text{ and } \text{C-shape} < -1$

C-shape : .....

e)  $2 < \text{star} \text{ or } \text{star} < -3$

star : .....

$a$	-5	3	-2	6	-1		0		11	-44
$b$	5	-3	2			-8		3		

$b =$

$a =$

$a + b =$

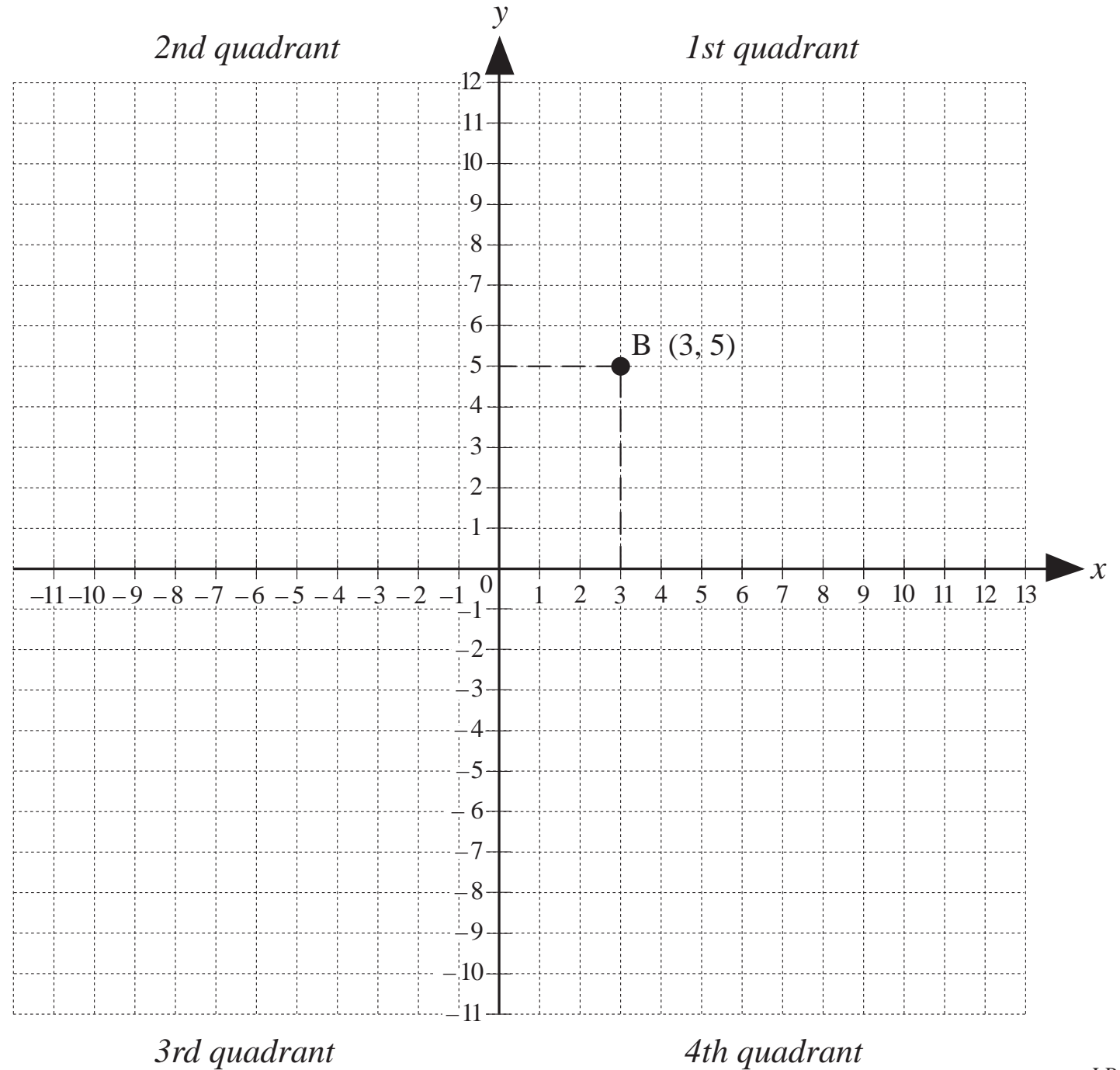
LP 24/3

$x$	-7	-6	-5			-2		0	1	2	3		5
$y$	7	6		4	3		1		1	2		4	

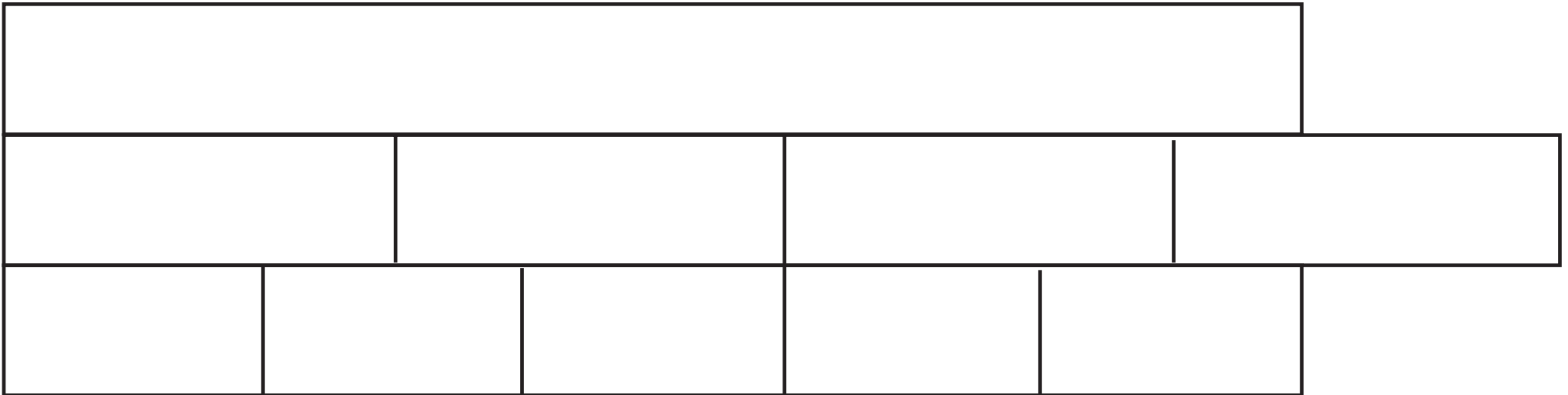
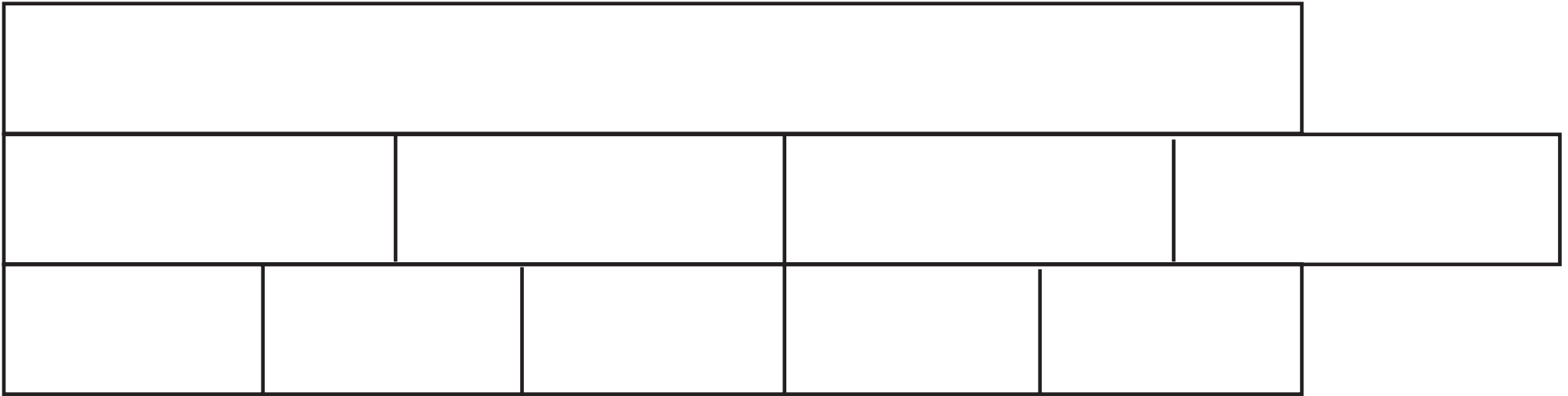
$y$  is the  of  $x$  from

LP 24/4

- A (0, 8)
- B (3, 5)\*
- C (5, 3)
- D (8, 0)
- E (0, 0)

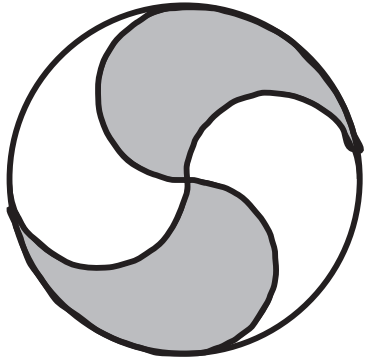


- a) 8 is more than 0 by        $8 - 0 = \text{}$        $\text{} + 0 = 8$
- b)  $-8$  is less than  by 8       $-8 - 0 = \text{}$        $\text{} + 0 = -8$
- c) 8 is more than 2 by        $8 - 2 = \text{}$        $\text{} + 2 = 8$
- d) 8 is more than  $-3$  by        $8 - (-3) = \text{}$        $\text{} + (-3) = 8$
- e)  $-3$  is more than  $-7$  by        $-3 - (-7) = \text{}$        $\text{} + (-7) = -3$
- f) 4 is less than  by 9       $4 - 13 = \text{}$        $\text{} + 13 = 4$
- g)  $-2$  is less than 3 by        $-2 - 3 = \text{}$        $\text{} + (-3) = -2$



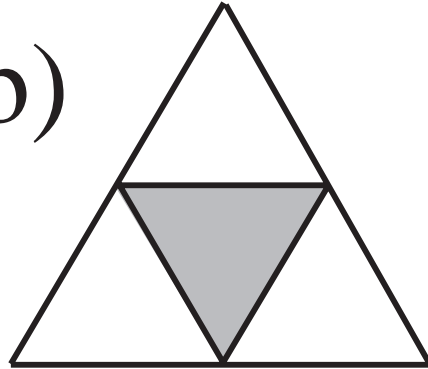
Cut into strips and colour appropriately

a)



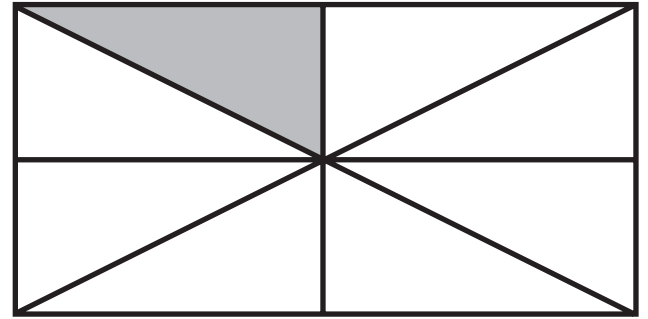
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b)



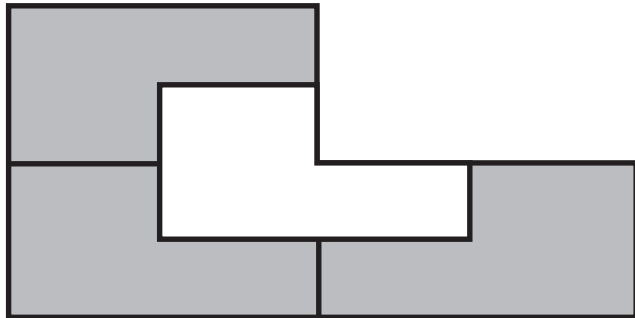
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c)



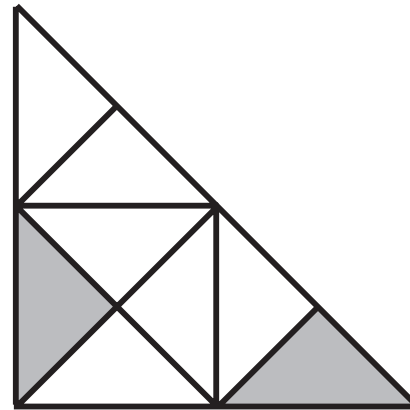
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d)



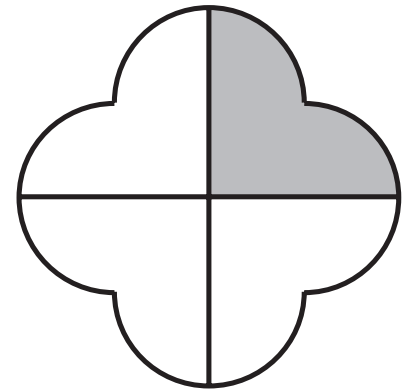
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e)



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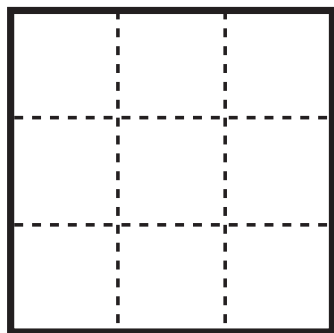
f)



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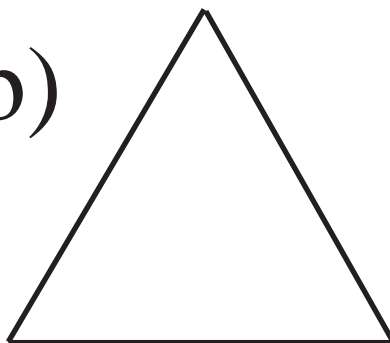


a)



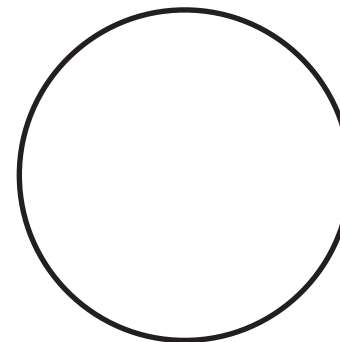
$$\frac{1}{3}$$

b)



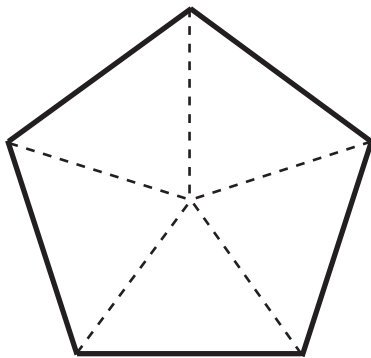
$$\frac{1}{2}$$

c)



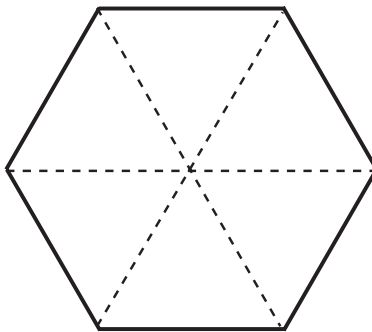
$$\frac{3}{4}$$

d)



$$\frac{2}{5}$$

e)



$$\frac{5}{6}$$

f)

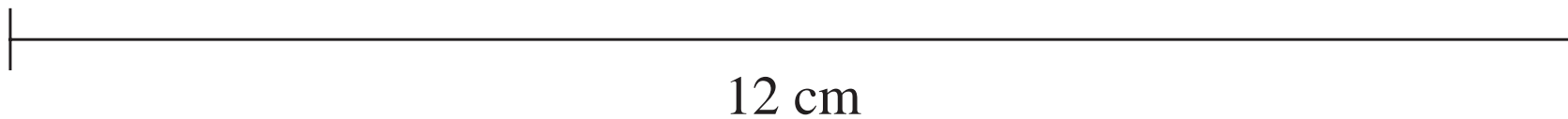


$$\frac{3}{7}$$

i)  $\frac{1}{6}$

ii)  $\frac{5}{6}$

iii)  $\frac{7}{6}$

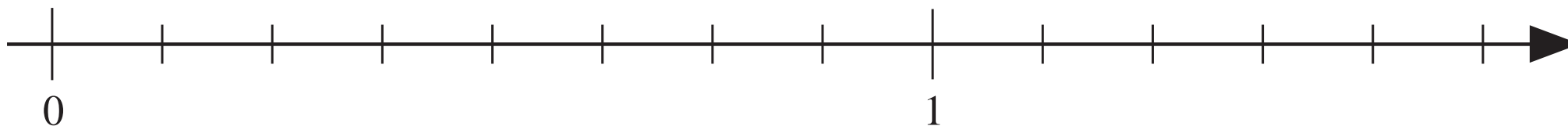


i)

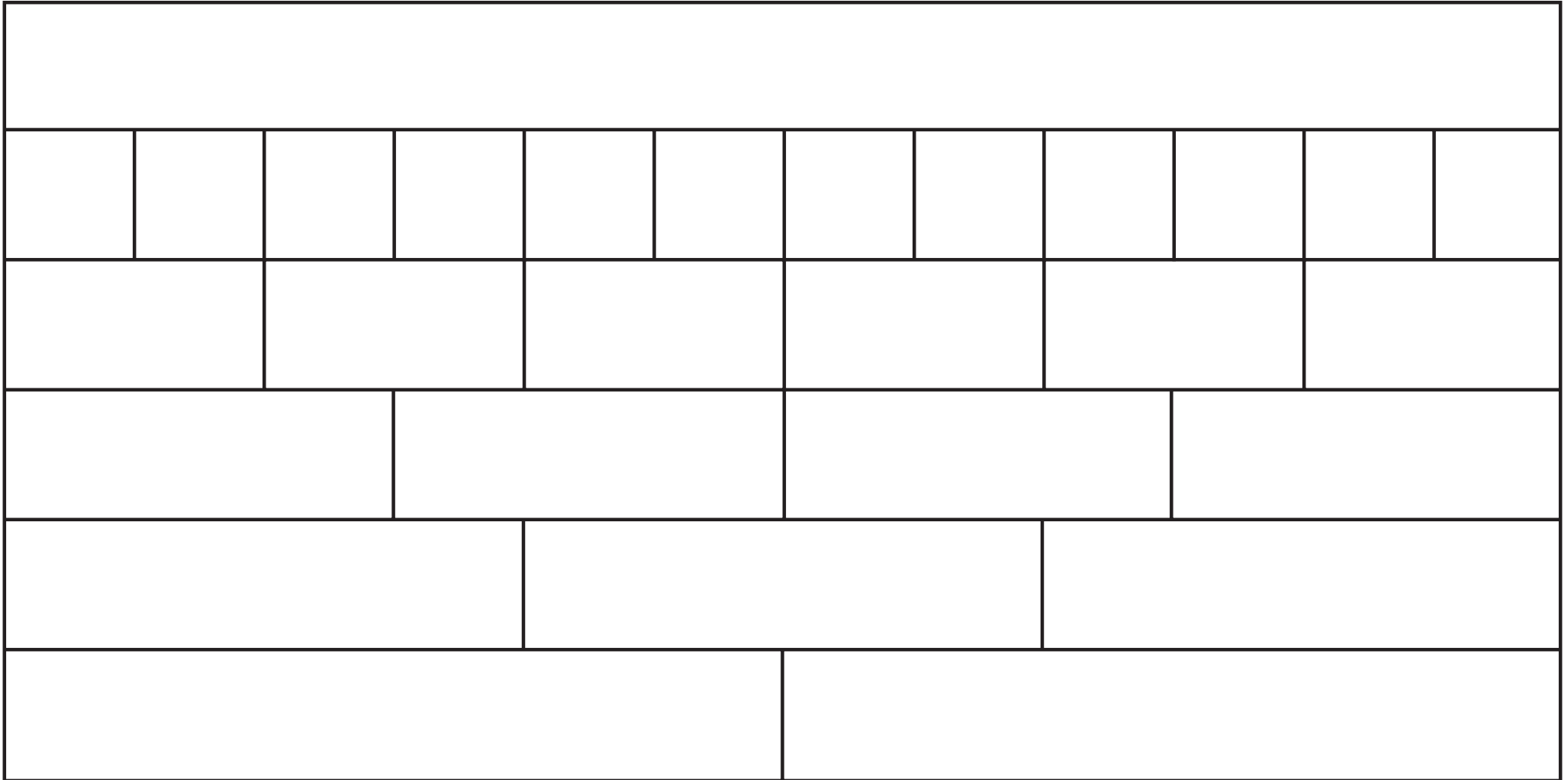
ii)

iii)

LP 26/8

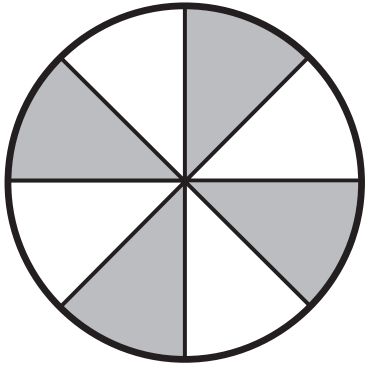


LP 26/9

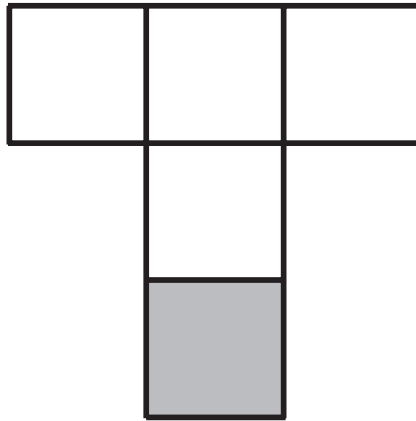


Cut into strips and colour appropriately

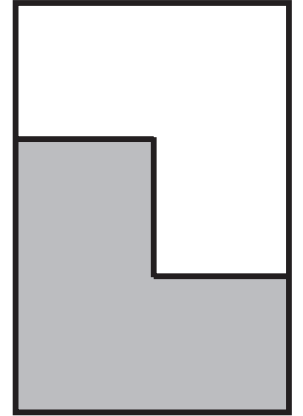
i)



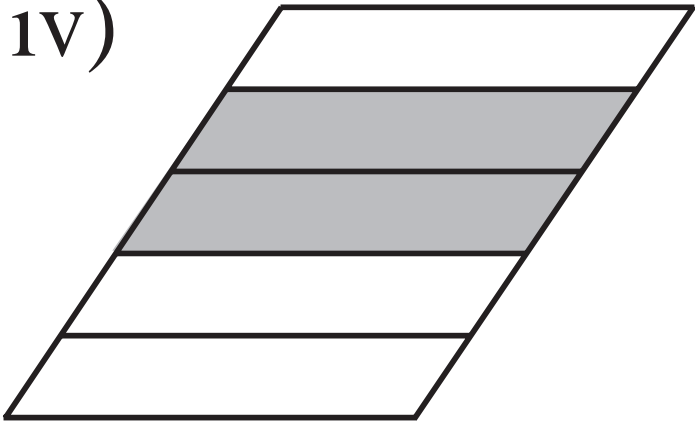
ii)



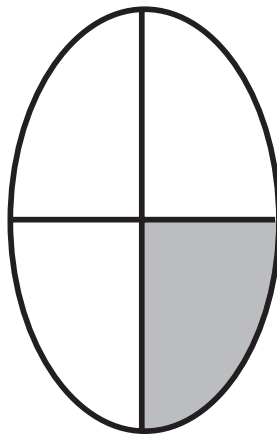
iii)



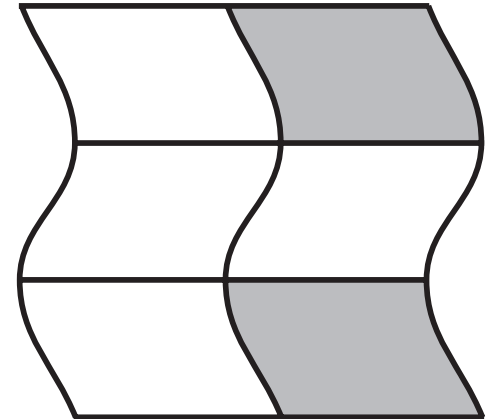
iv)



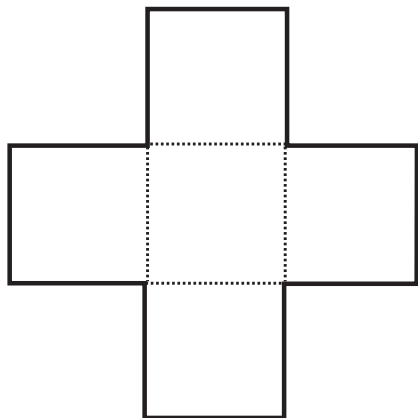
v)



vi)

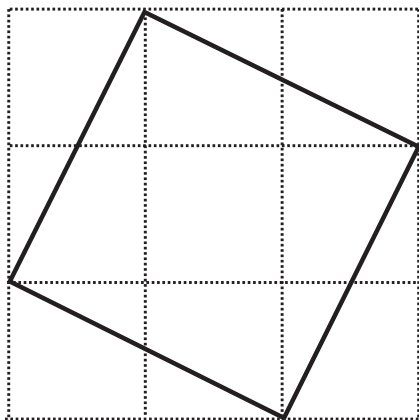


i)



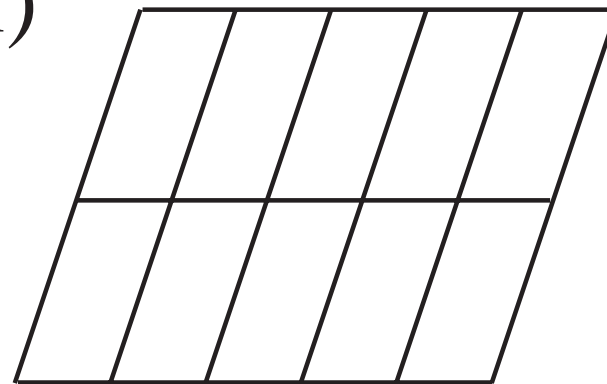
$$\frac{4}{5}$$

ii)



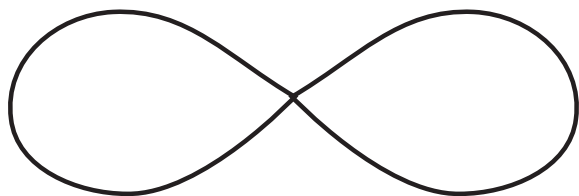
$$\frac{1}{5}$$

iii)



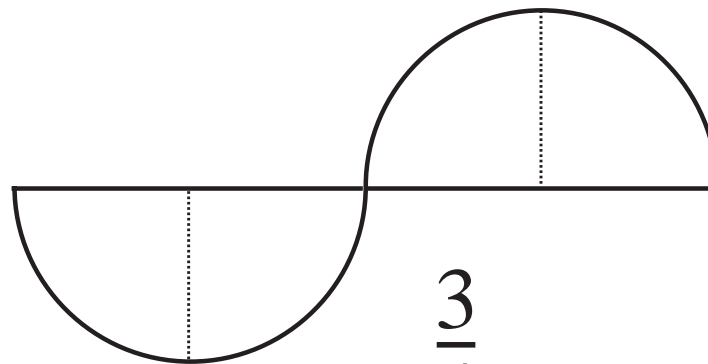
$$\frac{7}{10}$$

iv)



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

v)

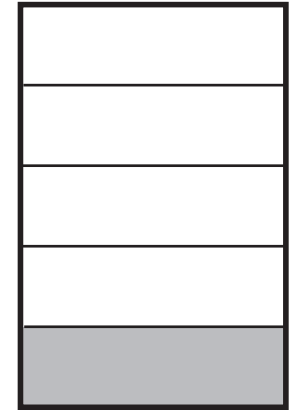
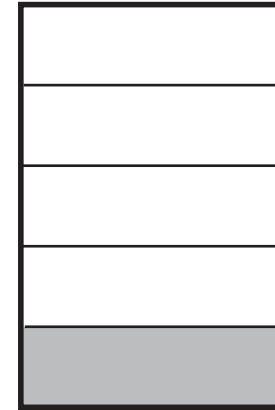
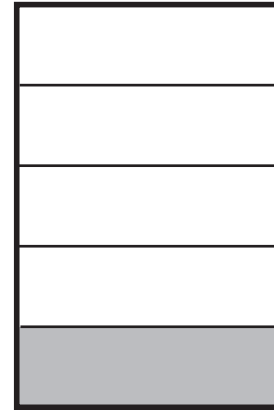


$$\frac{3}{4}$$

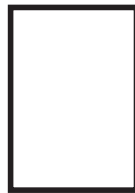
1 unit



3 units



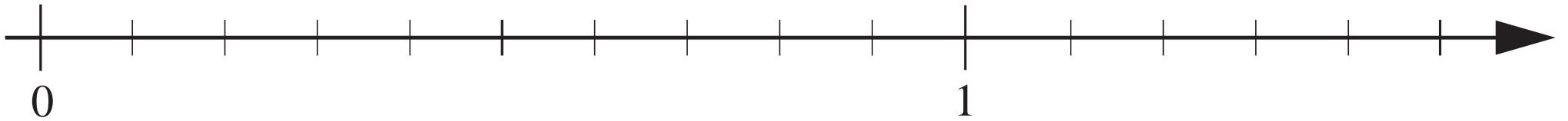
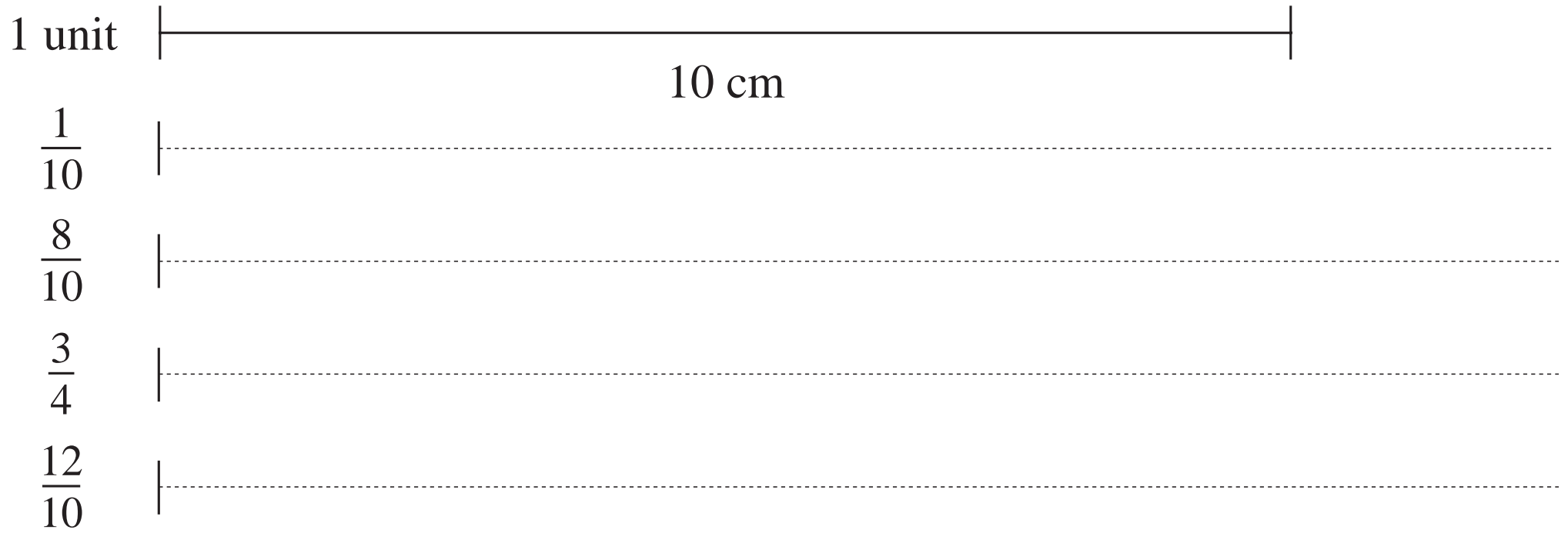
Part shaded:

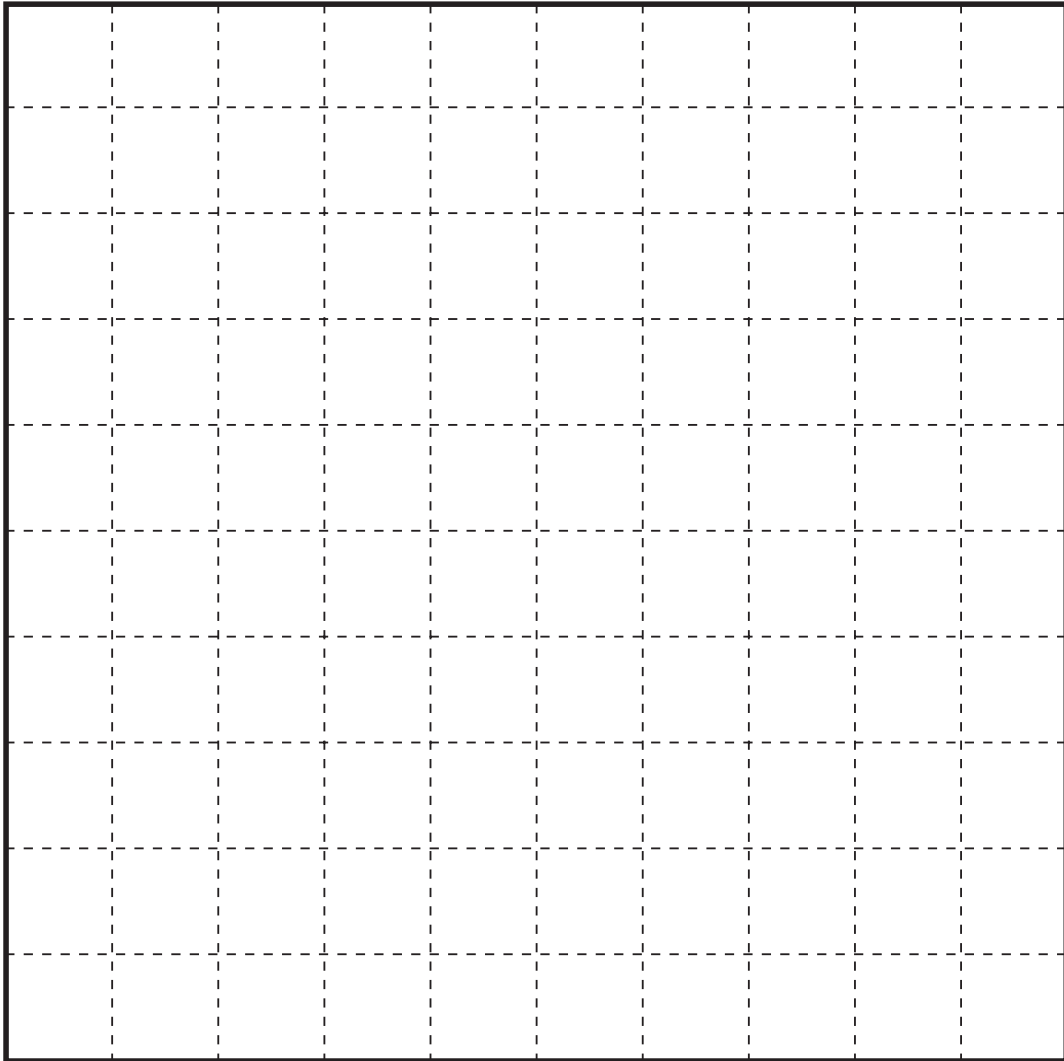


of 1 unit



of 3 units





$$\frac{1}{10} = \frac{\quad}{100}$$

$$\frac{2}{5} = \frac{\quad}{10} = \frac{\quad}{100}$$





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$$1 \text{ m} = \boxed{\phantom{00}} \text{ cm} \quad 1 \text{ m} = \boxed{\phantom{00}} \text{ mm} \quad 1 \text{ km} = \boxed{\phantom{00}} \text{ m} \quad 1 \text{ cm} = \boxed{\phantom{00}} \text{ mm}$$

$$1 \text{ cm} = \boxed{\phantom{00}} \text{ m} \quad 1 \text{ mm} = \boxed{\phantom{00}} \text{ m} \quad 1 \text{ m} = \boxed{\phantom{00}} \text{ km} \quad 1 \text{ mm} = \boxed{\phantom{00}} \text{ cm}$$

$$1 \text{ kg} = \boxed{\phantom{00}} \text{ g} \quad 1 \text{ litre} = \boxed{\phantom{00}} \text{ cl} \quad 1 \text{ litre} = \boxed{\phantom{00}} \text{ ml} \quad 1 \text{ cl} = \boxed{\phantom{00}} \text{ ml}$$

$$1 \text{ g} = \boxed{\phantom{00}} \text{ kg} \quad 1 \text{ cl} = \boxed{\phantom{00}} \text{ litre} \quad 1 \text{ ml} = \boxed{\phantom{00}} \text{ litre} \quad 1 \text{ ml} = \boxed{\phantom{00}} \text{ cl}$$

$$1 \text{ cm}^2 = \boxed{\phantom{00}} \text{ mm}^2 \quad 1 \text{ m}^2 = \boxed{\phantom{00}} \text{ cm}^2 \quad 1 \text{ m}^2 = \boxed{\phantom{0000}} \text{ mm}^2$$

$$1 \text{ mm}^2 = \boxed{\phantom{00}} \text{ cm}^2 \quad 1 \text{ cm}^2 = \boxed{\phantom{00}} \text{ m}^2 \quad 1 \text{ mm}^2 = \boxed{\phantom{0000}} \text{ m}^2$$

$$1 \text{ km}^2 = \boxed{\phantom{0000}} \text{ m}^2 \quad 1 \text{ m}^2 = \boxed{\phantom{0000}} \text{ km}^2$$



...	Thousands	Hundreds	Tens	Units	tenths	hundredths	thousandths	...
								mm
								cm
								m
								cl
								litres

	1000	100	10	1	$\frac{1}{10}$	$\frac{1}{100}$	$\frac{1}{1000}$	
...	Thousands	Hundreds	Tens	Units	tenths	hundredths	thousandths	...
	3	7	0	4	0	3		
	1	0	5	3	1	2		

Th	H	T	U	t	h	th

a)  $\frac{35}{10} =$

b)  $\frac{7}{100} =$

c)  $\frac{1003}{100} =$

d)  $\frac{1003}{10} =$

e)  $\frac{89}{10} =$

f)  $83 + \frac{7}{10} =$

g)  $\frac{3}{100} =$

h)  $\frac{68}{100} =$

i)  $\frac{527}{100} =$

j)  $1 + \frac{1}{2} =$

k)  $15 + \frac{2}{5} =$

l)  $\frac{1}{4} =$

m)  $\frac{6}{20} =$

n)  $143 + \frac{17}{50} =$

o)  $2\frac{3}{4} =$



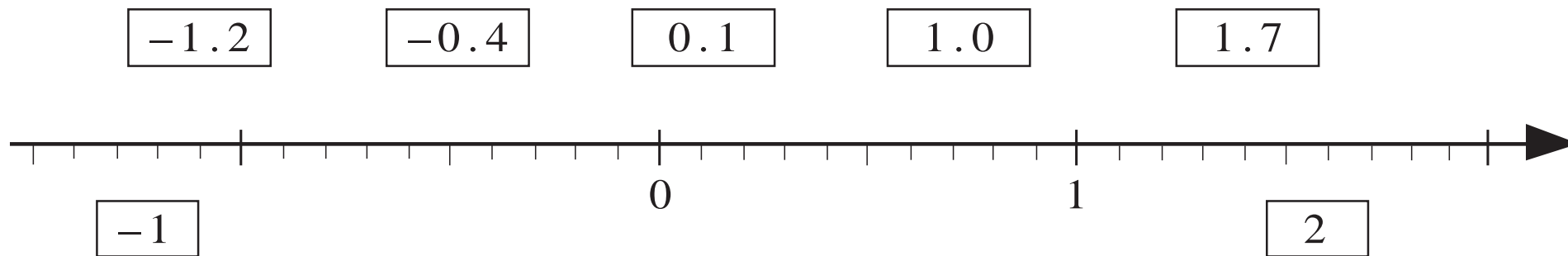
TTh	Th	H	T	U	t	h	th

TTh	Th	H	T	U	t	h	th
		1	4	1	0	7	
	1	8	0	2	2	4	1
1	2	0	0	7	6	1	
			7	0	5	1	0
	8	0	4	0	7		

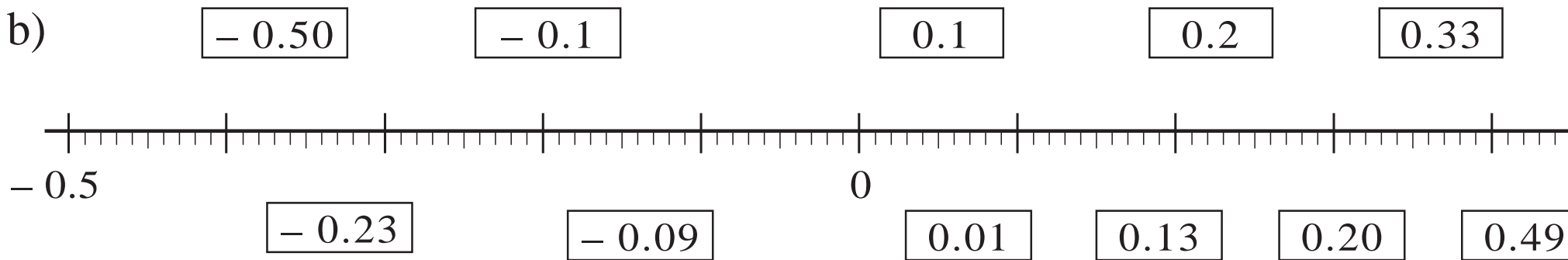


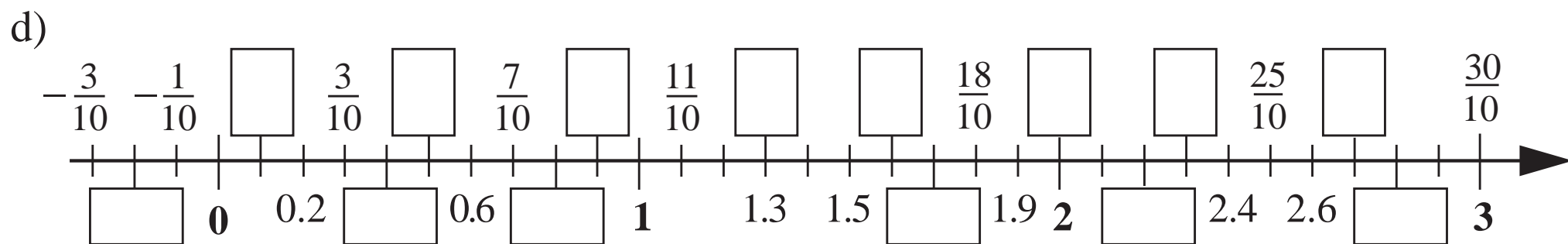
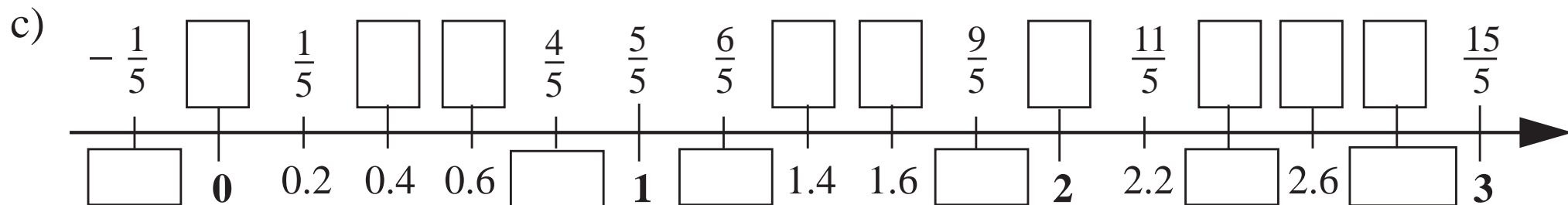
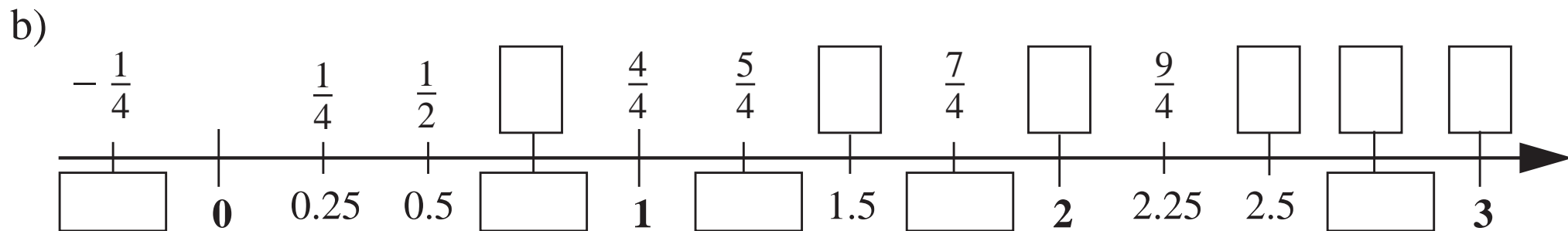
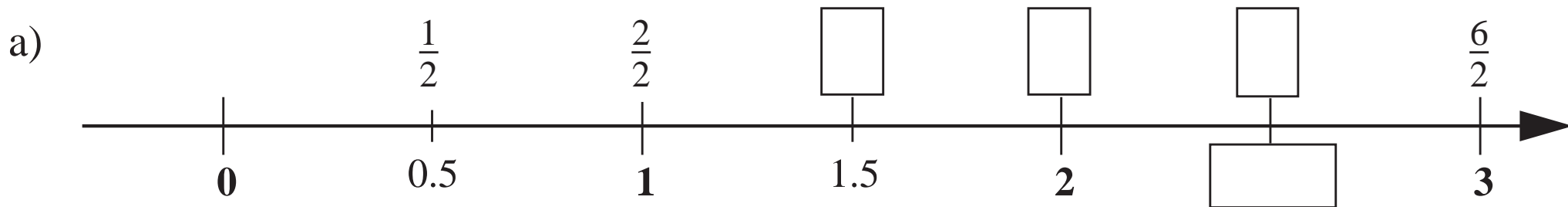
$$\begin{array}{cccccccc} \frac{1}{2} & \frac{27}{100} & \frac{1}{4} & 0.5 & \frac{25}{100} & 12.4 & & \\ & \frac{7}{10} & 0.7 & 0.25 & \frac{3}{4} & \frac{4}{10} & \frac{2}{5} & \\ 12\frac{1}{2} & \frac{75}{100} & 0.40 & 12\frac{4}{10} & 0.27 & & 12.5 & \end{array}$$

a)



b)





a)  $0.6$    $0.06$

$$\frac{\boxed{\phantom{000}}}{100} \quad \boxed{\phantom{000}} \quad \frac{\boxed{\phantom{000}}}{100}$$

b)  $0.7$    $0.70$

$$\frac{\boxed{\phantom{000}}}{100} \quad \boxed{\phantom{000}} \quad \frac{\boxed{\phantom{000}}}{100}$$

c)  $0.12$    $0.1$

$$\frac{\boxed{\phantom{000}}}{100} \quad \boxed{\phantom{000}} \quad \frac{\boxed{\phantom{000}}}{100}$$

d)  $1.03$    $1.04$

$$\frac{\boxed{\phantom{000}}}{100} \quad \boxed{\phantom{000}} \quad \frac{\boxed{\phantom{000}}}{100}$$

e)  $0.04$    $0.3$

$$\frac{\boxed{\phantom{000}}}{100} \quad \boxed{\phantom{000}} \quad \frac{\boxed{\phantom{000}}}{100}$$

f)  $2.3$    $2.29$

$$\frac{\boxed{\phantom{000}}}{100} \quad \boxed{\phantom{000}} \quad \frac{\boxed{\phantom{000}}}{100}$$

a)  $796 \text{ cl} = \boxed{\phantom{000}}$  litres

b)  $92 \text{ m } 45 \text{ cm} = \boxed{\phantom{000}}$  m

c)  $9 \text{ km } 81 \text{ m} = \boxed{\phantom{000}}$  km

d)  $3 \text{ m } 630 \text{ mm} = \boxed{\phantom{000}}$  m

e)  $11 \text{ kg } 29 \text{ g} = \boxed{\phantom{000}}$  kg

f)  $27 \text{ kg } 100 \text{ g} = \boxed{\phantom{000}}$  kg

g)  $4 \text{ h } 15 \text{ min.} = \boxed{\phantom{000}}$  h

h)  $3 \text{ h } 6 \text{ min.} = \boxed{\phantom{000}}$  h

LP 30/4

$\frac{1}{8}$	$\frac{30}{100}$	0.6	$6\frac{1}{100}$	$\frac{8}{20}$
0.3	$\frac{3}{5}$	0.125	$6\frac{1}{10}$	0.4
	6.1	$\frac{6}{20}$	$\frac{2}{5}$	6.01

LP 30/5