Monday 5 a day

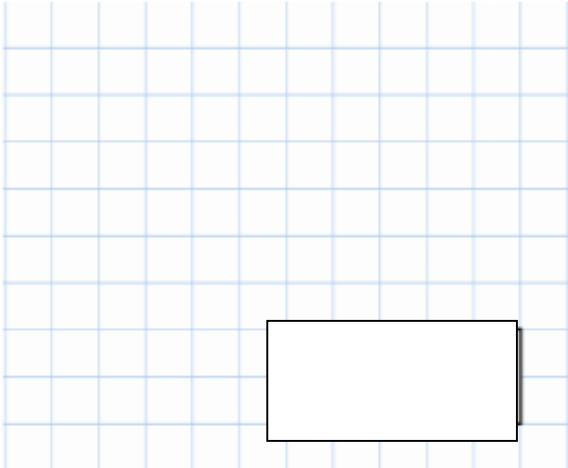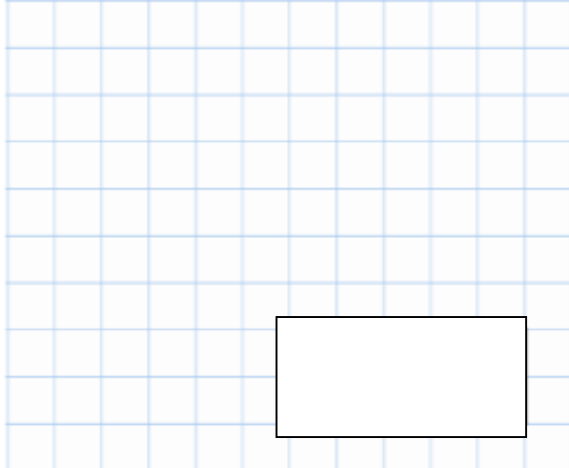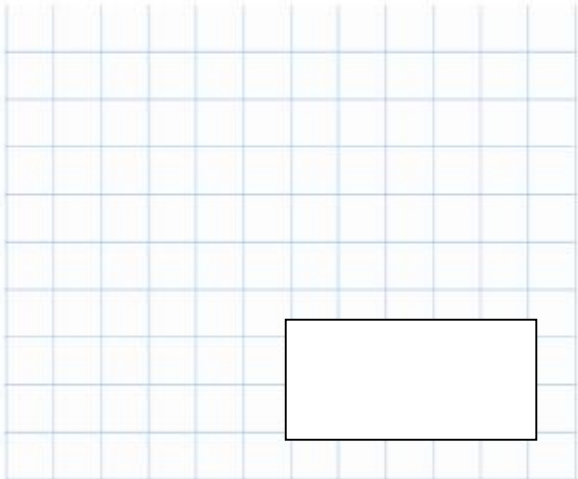|	
$422 + 75 + 888$	$125 \times 4 = \boxed{} \times 5$
Round 686 to the nearest 10	Round 686 to the nearest 100
Key ⃝ = 2 books Monday ⃝ ⃝ Tuesday ⃝ ⃝ ⃝ Wednesday ⃝ ◖ Thursday ⃝ ⃝	How many books did Tom read altogether?
Pittsburgh Steelers won Super Bowl XL Write XL in **figures**	
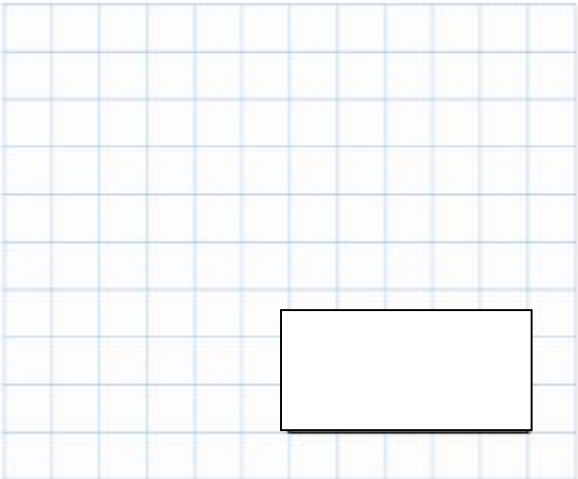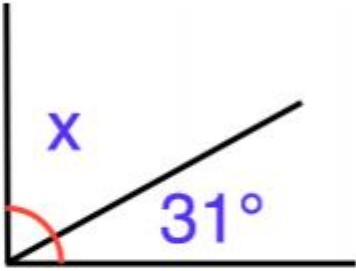
Tuesday- 5 a day

$9.1 - 1.5$	22×100
Write the number that is six **less than** nine thousand in **figures**	
Cerys chooses a number She multiples it by 7 and then adds 34. Her answer is 160 What was the number she started with?	
Find the number **halfway between** 26 and 58	26 ☐ 58

Wednesday- 5 a day

8×12	$\dfrac{3}{5} + \dfrac{1}{5}$
Round 36.81 to the nearest whole number	Write the **digit** that is in the tens place
A right angle is shown Find the size of the angle x	X 31°
Miss Jackson has 500 sweets. She gives 2 sweets each to 76 children and she gives 3 sweets each to 15 children. How many sweets does Miss Jackson have left?	

Thursday- 5 a day

$8.4 - 1.9$	47×4

Legend: green = have visited France; grey = have not visited France
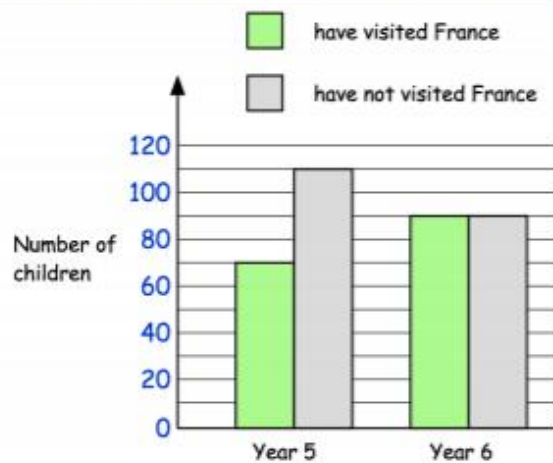
How many year 5 children have **not** visited France?

Billy says there are the same number of children in Year 5 and Year 6.
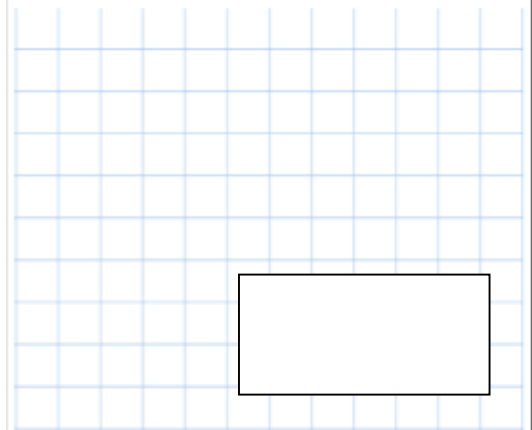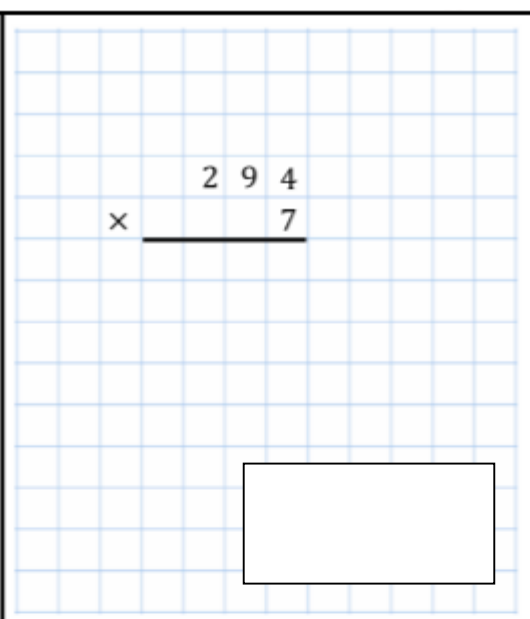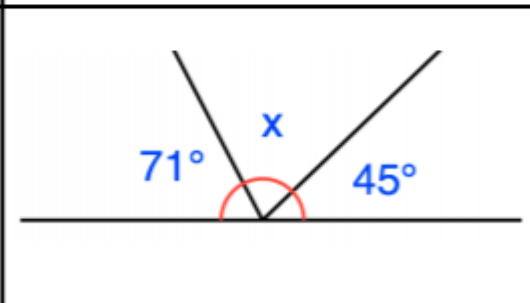
Is he right?

A group of 9 friends go on a coach tour.

The total cost for the tour is £648

Work out the cost for 1 person?

Friday- 5 a day

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

$$\begin{array}{r} 2\;9\;4 \\ \times \quad\quad 7 \\ \hline \end{array}$$

The numbers in the sequence increase by the same amount each time.

Find the missing numbers

◻ 38 64 ◻ 116

Here is a straight line.

Find the missing angle, x.

71°   x   45°

Work out the how much taller **Mont Blanc** is than the combined height of **Ben Nevis and Carrauntoohil**

Mountain	Height
Mont Blanc	4,809 metres
Ben Nevis	1,334 metres
Carrauntoohil	1,038 metres
Mount Vancouver	4,812 metres

Task 2

After you have worked through task 1, have a go at answering the following questions. The answers are at the end of this document.

1)

What numbers are represented?
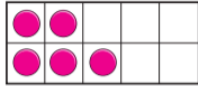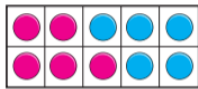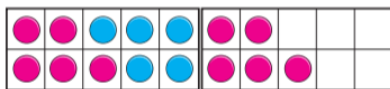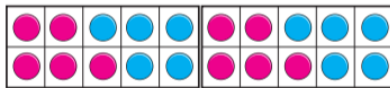
Complete the sentence.

These numbers are all _____ of 5

2)

Complete the number track.

| 0 | 6 | | | | 30 | | | | 54 | |

3)
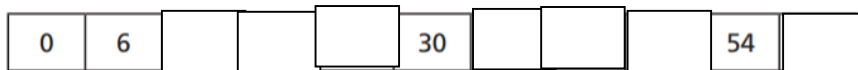
Find two multiples of 5 between 80 and 100.

☐ and ☐

Answer

4)   Which numbers are multiples of 3?

8   5   4   24   15   40   33

Task 3

1)

a) List all the multiples of 2 up to 20

b) List all the multiples of 4 up to 20

c) What do you notice about the multiples of 2 and 4?

d) Is the number 47 a multiple of 4?

Explain how you know.

2)

Multiples of 5 always have a 5 in the number.

Is the statement true or false?

Explain your answer.

3)   The numbers in this sequence increase by the same amount each time.

Write the missing numbers.

	42 49		63	

4)

| 8 | 56 | 6 | 16 |

Answer

Which number is the odd one out? Use the word multiple in your written answer.

5)

Write these numbers in the correct places on this sorting diagram.

16   26   36

multiples of 4   multiples of 6

24

30

27
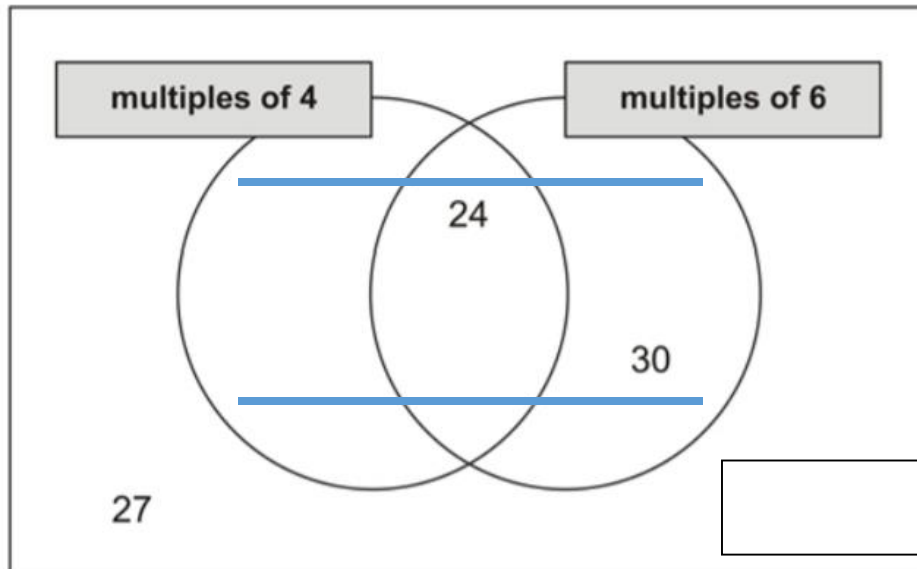
6)

Write **all** the common multiples of 3 and 8 that are **less than 50**

Challenge

1) Scott's age is a multiple of 8 and 12

His age is one away from a multiple of 7

He is younger than 50 years old.

How old is Scott?

Answer

2)

The numbers in this sequence increase by 3 each time.

3   6   9   12   . . .

The numbers in this sequence increase by 5 each time.

5   10   15   20   . . .

Both sequences continue.

Write a number **greater than 100** which will be in **both** sequences.

Answer

3) Here is a 100 grid with some numbers shaded:

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	44	45	46	47	48	49	50
51	52	53	54	55	56	57	58	59	60
61	62	63	64	65	66	67	68	69	70
71	72	73	74	75	76	77	78	79	80
81	82	83	84	85	86	87	88	89	90
91	92	93	94	95	96	97	98	99	100

What do all the numbers shaded blue have in common?
What do you notice about all the numbers shaded pink?
Can you work out why two of the numbers are shaded in a maroon colour?

Now, here is part of a 100 square shaded in a different way:

Answer

24	25	26
34	35	36
44	45	46
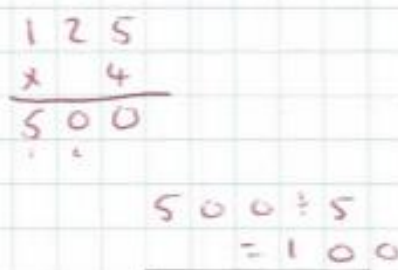
Can you explain the shading this time?

Answer

ANSWERS

Monday- 5 a day
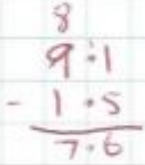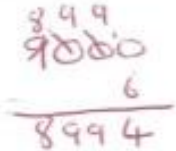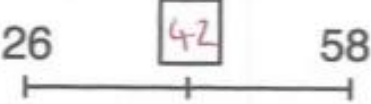
$422 + 75 + 888$ $\begin{array}{r} 8\ 8\ 8 \\ 4\ 2\ 2 \\ 7\ 5 \\ \hline 1\ 3\ 8\ 5 \end{array}$ 1385	$125 \times 4 = \boxed{100} \times 5$ $\begin{array}{r} 1\ 2\ 5 \\ \times\ \ \ 4 \\ \hline 5\ 0\ 0 \end{array}$ $500 \div 5$ $= 100$ 100
Round 686 to the nearest 10 690	Round 686 to the nearest 100 700
Key $\bigcirc$ = 2 books | Monday	$\bigcirc\ \bigcirc$
Tuesday	$\bigcirc\ \bigcirc\ \bigcirc$
Wednesday	$\bigcirc\ \mathbb{C}$
Thursday	$\bigcirc\ \bigcirc$		How many books did Tom read altogether? $4+6+3+4 = 17$
Pittsburgh Steelers won Super Bowl XL Write XL in **figures** 40	

Tuesday – 5 a day

9.1 – 1.5 9.1 (with 8 above 9) – 1.5 7.6 7.6	22 × 100 2200
Write the number that is six **less than** nine thousand in **figures** 9000 (with 8 9 9 above) – 6 8994	8994
Cerys chooses a number She multiples it by 7 and then adds 34. Her answer is 160 What was the number she started with? 18	160 – 34 = 126 126 ÷ 7 = 18
Find the number **halfway between** 26 and 58 58 + 26 = 84 84 ÷ 2 = 42	26 42 58

Wednesday- 5 a day
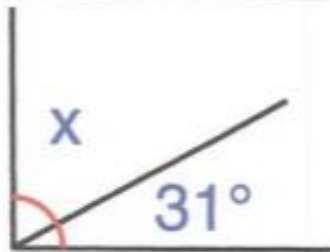
8×12	$\dfrac{3}{5} + \dfrac{1}{5}$
96	$\dfrac{4}{5}$
Round 36.81 to the nearest whole number 37	Write the **digit** that is in the tens place 3
A right angle is shown Find the size of the angle x $\begin{array}{r} 8, \\ 9\llap{}0 \\ -\ 31 \\ \hline 59 \end{array}$ $x = 59$	X 31°
Miss Jackson has 500 sweets. She gives 2 sweets each to 76 children and she gives 3 sweets each to 15 children. How many sweets does Miss Jackson have left? 303	$76 \times 2 = 152$ $3 \times 15 = \dfrac{45}{197} +$ $500 - 197 = 303$

Thursday- 5 a day

8.4 − 1.9

$$\begin{array}{r} 7 \\ \overset{7}{\cancel{8}}{\overset{1}{.4}} \\ -\ 1.9 \\ \hline 6.5 \end{array}$$

$$6 \cdot 5$$

47 × 4

$$\begin{array}{r} 47 \\ \times\ \ 4 \\ \hline 1\ 8\ 8 \\ \end{array}$$

$$1\ 88$$

have visited France

have not visited France

Number of children

120
100
80
60
40
20
0

Year 5   Year 6
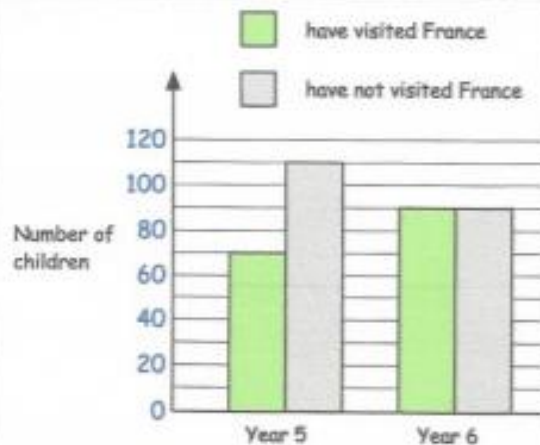
How many year 5 children have **not** visited France?

$$110$$

Billy says there are the same number of children in Year 5 and Year 6.

Is he right?

$$110+70=180 \qquad 90+90=180$$

$$yes$$

A group of 9 friends go on a coach tour.

The total cost for the tour is £648

Work out the cost for 1 person?

$$9\overline{)6^6 4^3 8} \quad 0\ 7\ 2$$

£72

Friday- 5 a day

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

$$\boxed{\frac{3}{5}}$$

$$\begin{array}{r} 2\ 9\ 4 \\ \times \quad\quad\ 7 \\ \hline 2\ 0\ 5\ 8 \end{array}$$

$$\boxed{2058}$$

The numbers in the sequence increase by the same amount each time.

Find the missing numbers

$\boxed{12}$ **38 64** $\boxed{90}$ **116**

Here is a straight line.

Find the missing angle, x. $x = 64$

$$\begin{array}{r} 71 \\ + 45 \\ \hline 116 \end{array} \qquad \begin{array}{r} 18\overset{7}{\cancel{0}} \\ - 116 \\ \hline 64 \end{array}$$
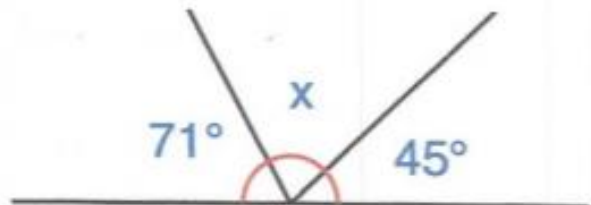
71°   X   45°

Work out the how much taller **Mont Blanc** is than the combined height of **Ben Nevis and Carrauntoohil**

$$\begin{array}{r} 1334 \\ + 1038 \\ \hline 2372 \end{array} \qquad \begin{array}{r} 48\overset{7}{\cancel{0}}9 \\ - 2372 \\ \hline 2437 \end{array}$$

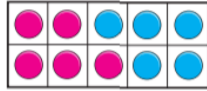| Mountain	Height
Mont Blanc	4,809 metres
Ben Nevis	1,334 metres
Carrauntoohil	1,038 metres
Mount Vancouver	4,812 metres

2437M

Answers- Task 2

1)

What numbers are represented?
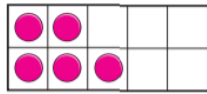
5

10
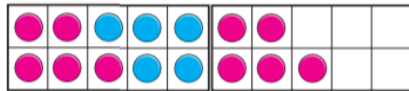
15
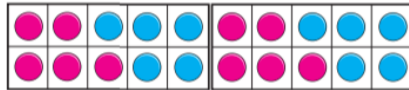
20

Complete the sentence.

These numbers are all _____multiples_____ of 5

2)

Complete the number track.

0	6	12	18	24	30	36	42	48	54	60
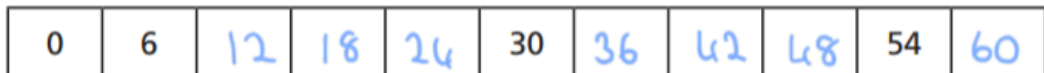
3) Find two multiples of 5 between 80 and 100.

Any two answers from: 85, 90, 95

4)

Which numbers are multiples of 3?

8   5   4   24   15   40   33

Answer- 24, 15, 33

Task 3- Answers

1)
    a) List all the multiples of 2 up to 20

       2, 4, 6, 8, 10, 12, 14, 16, 18, 20

    b) List all the multiples of 4 up to 20

       4, 8, 12, 16, 20

    c) What do you notice about the multiples of 2 and 4?

    d) Is the number 47 a multiple of 4? No

    Explain how you know.

       All multiples of 4 are even.

2)

    Multiples of 5 always have a 5 in the number.

    Is the statement true or false? false

    Explain your answer.

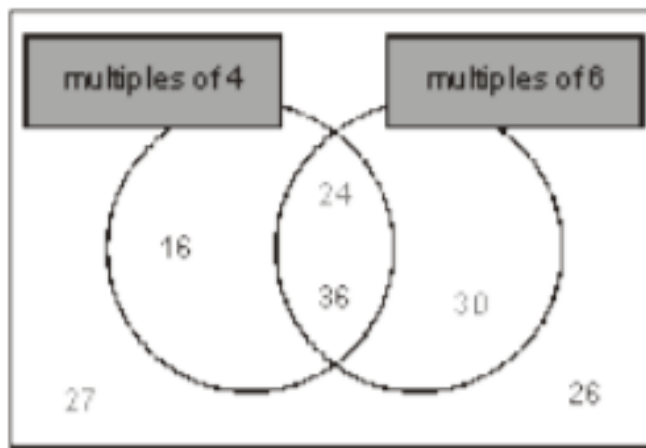   10 is a multiple of 5 and doesn't have a 5 in the number.

3) | 35 | 42   49 | 56 | 63 | 70 |

4) | 8 | 56 | 6 | 16 |

The other numbers are all multiples of 8.

5)

multiples of 4 | multiples of 6

24

16

36

30

27

26

6)

24 **AND** 48 only

Challenge- Answers

1)

Scott's age is a multiple of 8 and 12

His age is one away from a multiple of 7

He is younger than 50 years old.

How old is Scott?

48

2)   105 **OR** 120 **OR** 135 **OR** 150 **OR** 300

3)

The blue numbers are all multiples of 7.
The pink numbers are all multiples of 5.
The maroon numbers are multiples of 5 and 7. (Both.)

In this square:

24	25	26
34	35	36
44	45	46

The pink numbers are multiples of 2.
The blue numbers are multiples of 5 or 7.