Maths answer pack

Day One

Section 1

Order these numbers from smallest to largest:
6788 8677 7866 8766

6788	7866	8677	8766

Section 2

Fill in the missing numbers on this number line:

-4	-2	0	2	4	6	8

Section 3

Convert these times to 24 hour clock:

a. 1.34pm = **13.34**

b. 10.43pm = **22.43**

c. 4.22pm = **16.22**

d. 9.12pm = **21.12**

Section 4

A postman drives 42 miles a day.
How many miles will he drive in 5 days to the nearest 10 miles?
Nearest 100 miles?

nearest 10 miles = **210 miles**

nearest 100 miles = **200 miles**

Section 5

Fill in the missing numbers:

$$\begin{array}{r} 8\ 7\ 1 \\ -\ 1\ 9\ 9 \\ \hline 6\ 7\ 2 \end{array}$$

Day Two

Section 1

Complete the calculation:

170 x 4 = **680**

120 x 8 = **960**

190 x 3 = **570**

220 x 4 = **880**

Section 2

How much is there altogether?

£2.52

Section 3

Complete the following calculations:

$$\begin{array}{r} 1\ 6\ 8\ 4\ 0 \\ -\ \ 3\ 4\ 5\ 7 \\ \hline 1\ 3\ 3\ 8\ 3 \end{array}$$

$$\begin{array}{r} 2\ 5\ 8\ 1\ 9 \\ -\ \ 1\ 3\ 9\ 4 \\ \hline 2\ 4\ 4\ 2\ 5 \end{array}$$

$$\begin{array}{r} 1\ 8\ 5\ 9\ 3 \\ -\ \ 3\ 7\ 5\ 9 \\ \hline 1\ 4\ 8\ 3\ 4 \end{array}$$

Section 4

There are 124 horses in a field. Half of the horses are coloured brown. 38 horses go into the stables. How many are left in the field?

86

Section 5

Look at these numbers:
5 9 12 20 30

Find the product of the three smallest numbers.

540

Day Three

Section 1

Write this number:

Four thousand, three hundred and six

4306

In the number 23 648, what place value does the 3 represent?

3000

Section 2

Calculate the following in your head:

55 + 60 = **115**

45+ 36 = **81**

52 – 22 = **30**

21 – 12 = **9**

Section 3

Calculate:

2.3 x 100 = **230**

5.1 x 100 = **510**

231 ÷ 100 = **2.31**

622 ÷ 100 = **6.22**

Section 4

Round to the nearest whole number:

2.3 → **2**

4.6 → **5**

5.9 → **6**

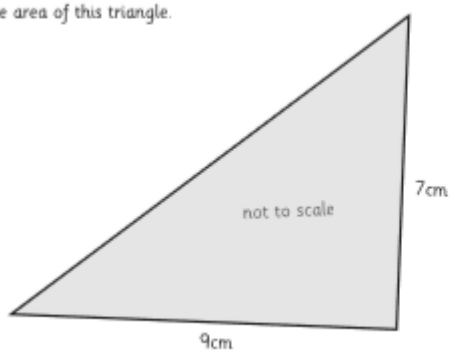
Section 5

Tickets to the skating rink cost £17 for children and £23 for adults. What is the total cost for 2 adults and 3 children?

£97

Section 6

Find the area of this triangle.



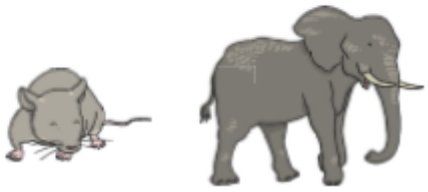
31.5cm²

Section 7

Order these from smallest to largest:

8.8 8.3 8.9 8.5 8.1

8.1	**8.3**	**8.5**	**8.8**	**8.9**



Day Four

Section 1

What is the value of the bold number?

3782 = **700**

21 301 = **300**

Section 2

Fill the missing digits in:

58 237 = 50 000 + **8000** + 200 + 30 + **7**

63 120 = 60 000 + **3000** + **100** + 20 + 0

Section 3

Is there a difference between the number of vertices and faces that this shape has? Explain your answer.

Yes difference of 1

Section 4

Show your working out to calculate:

29 x 4 = 116

Section 5

Complete the fraction sequence:

$\frac{1}{3}$	$\frac{2}{3}$	1	$1\frac{1}{3}$	$1\frac{2}{3}$	2	$2\frac{1}{3}$	$2\frac{2}{3}$	3

Day Five

Section 1

Write the 24-hour digital time to match the time (pm) shown on the clock.

21.23

Section 2

Calculate the following using the partitioning method:

84 x 6 = **504**

Section 3

Fill in the missing fractions to complete this sequence.

$\frac{82}{100}$	$\frac{83}{100}$	$\frac{84}{100}$	$\frac{85}{100}$	$\frac{86}{100}$	$\frac{87}{100}$	$\frac{88}{100}$

Section 4

On a computer game called Big Foot's Quest, you need 2750 points to reach Level 3. You need another 1550 points to reach Level 4. How many points do you need altogether to reach Level 4?

4300