

World Book Day Mathematics

You do not have to do all these sheets. You can pick one activity that you would like to do. Answers follow at the end!

It might be easier to work these out on spare paper today then you will have more space for your workings (you do not need to submit this work to me).

Good luck!

Book Problems

Solve the book problems using your mathematical knowledge.

1

If there are 126 children dressed up for World Book Day and $\frac{1}{3}$ of them are boys, how many girls are dressed up?

4

In a school of 395 children $\frac{3}{5}$ of them bring in their favourite book for World Book Day. How many children is this?

2

Book tokens come in packs of 125. How many tokens are there altogether in 17 packs?

5

Calculate the following: (Number of bears Goldilocks meets \times 146) + (Number of dwarfs Snow White meets \times 231)

3

All around the country people have dressed up for World Book Day. If there are 2146 pirate costumes, 4268 fairy costumes, 8582 lion costumes and 3321 clown costumes, how many costumes are there altogether?

6

Hansel ate 623 lollipops in the gingerbread house. Gretel ate $\frac{4}{7}$ of this amount. How many lollipops did Gretel eat?

6

Baby Bear eats three bowls of porridge every day. Daddy bear eats double this amount every day. How many bowls of porridge do they eat altogether over two weeks?



Calculation Stories

Can you solve the calculation stories?

1 $2344 + 5748$
=

2 $4738 - 4492$
=

3 247×35
=

4 $2344 + 5748$
=

5 $4738 - 4492$
=

6 247×35
=

7 $1242 \div 23$
=

8 $11\,845 - 5638$
=

9 $14\,932 - 6287$
=

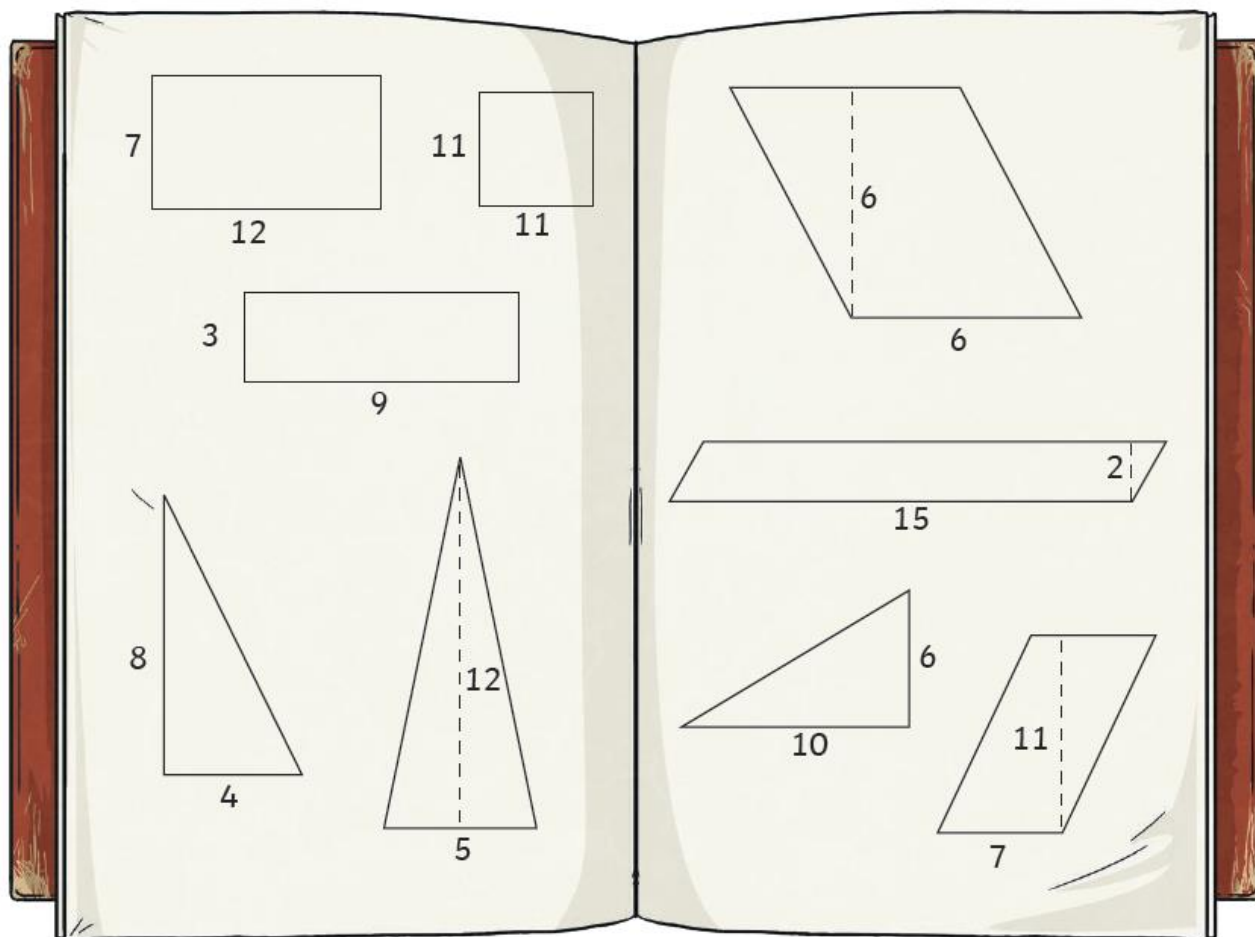
10 578×14
=

11 $2952 \div 12$
=

12 8.4×126
=

Area Antics

Work out the area of these shapes! They are measured in cm^2 .



Answers:

Book Problems:

- 1) 84
- 2) 2125
- 3) 18317
- 4) 2055
- 5) 356
- 6) 126

Calculation stories:

- 1) 8092
- 2) 246
- 3) 8645
- 4) 8092
- 5) 246
- 6) 8645
- 7) 54
- 8) 6207
- 9) 8645
- 10) 8092
- 11) 246
- 12) 1058.4

Area Antics:

- 1) 84cm^2
- 2) 121cm^2
- 3) 27cm^2
- 4) 16cm^2
- 5) 30cm^2
- 6) 36cm^2
- 7) 30cm^2
- 8) 30cm^2
- 9) 77cm^2

