

Name:

Date:

Rumplestiltskin Maths Test



The characters in the story of Rumplestiltskin had lots of maths problems to solve during their adventures. Could you have helped? Read the questions in this booklet and see if you can work out the answers. There's lots of space on each page for you to make jottings and draw pictures to help you.

Practice question

The Rumpelstiltskin cannot work out the answers to these addition problems?



Write the total.

$$31 + 9 =$$

1. Write the total

$$400 + 100 + 15 =$$

The king has asked Rosalind to write four different numbers to make these calculations correct.

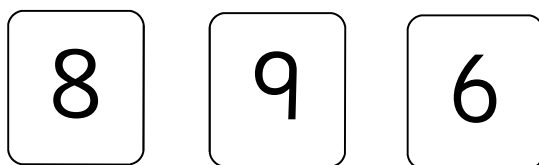


2. Can you help her?

$$\diamond + \triangle = 27$$

$$\square + \hexagon = 27$$

Look at these digits.



3. Rosalind needs to use all the digits to make a number nearest to **700**. Can you help?

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4. The silly miller has been ordered to draw rings around all the multiples of 5.

Can you help him?



10 23 35 40 54

5. Here are some numbers.

47 ~~35~~ 88 62 56

Write the numbers in order. One is done for you.

smallest

35

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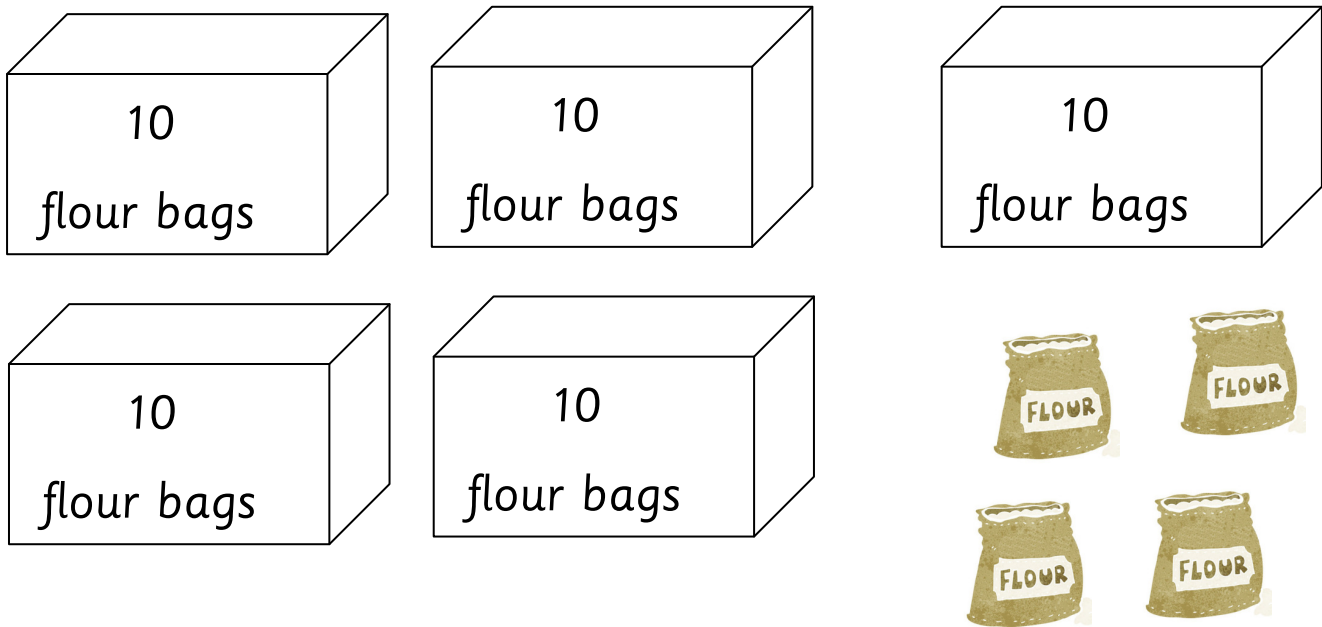
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largest

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The king stores his bags of flour in boxes of ten.



6. How many bags of flour are there **altogether**?

bags

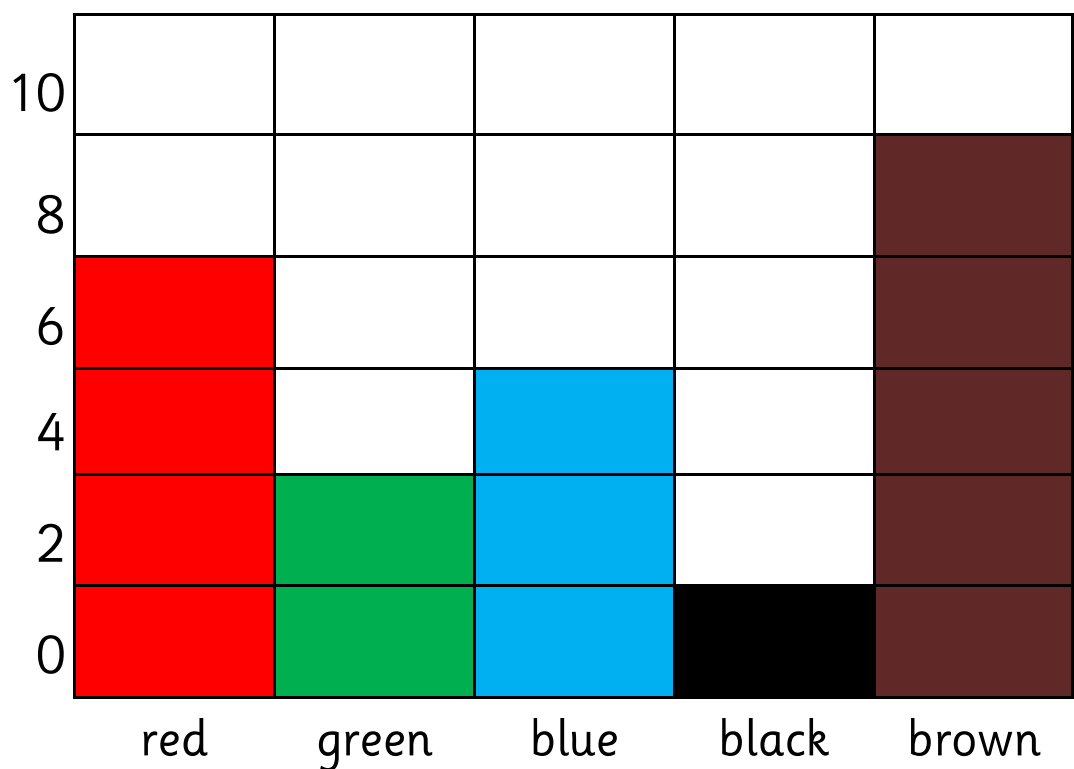
Rosalind puts these coins in a money box.



7. How much does she put in the money box altogether?

p

Rosalind loved hats. She had so many hats that she decided to make a graph showing the number and colour of her hats.



8. How many green hats did Rosalind have?

green hats

9. What is the total number of Rosalind's hats?

hats

Can you help Rumpelstiltskin to work out the answers to these number problems?

10.

$$45 \div 5 =$$



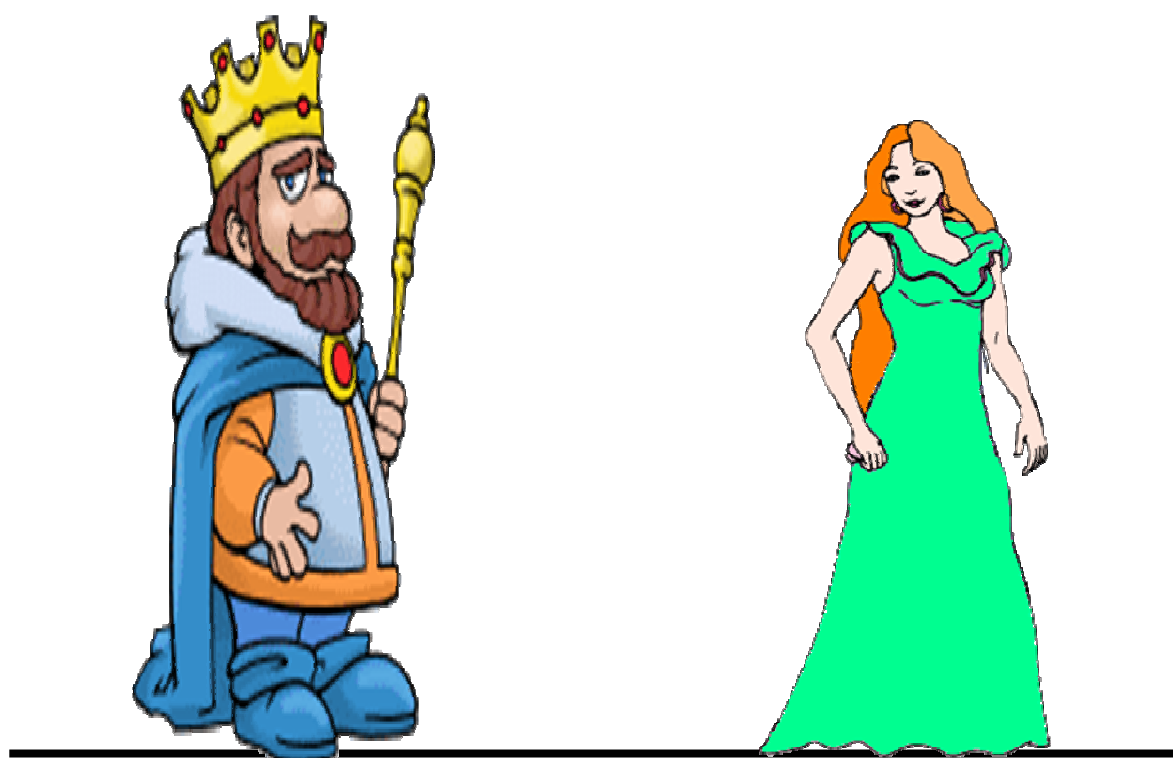
11.

$$5 \times 7 =$$

The king is **199cm** tall.

Rosalind is **170cm** tall.

12. How much taller is the king than the Rosalind?



199cm

170cm

cm

Here is the king's sceptre.



The king turns it **one quarter turn clockwise**.

13. Tick (\checkmark) the sceptre which shows how it looks **after** the turn.



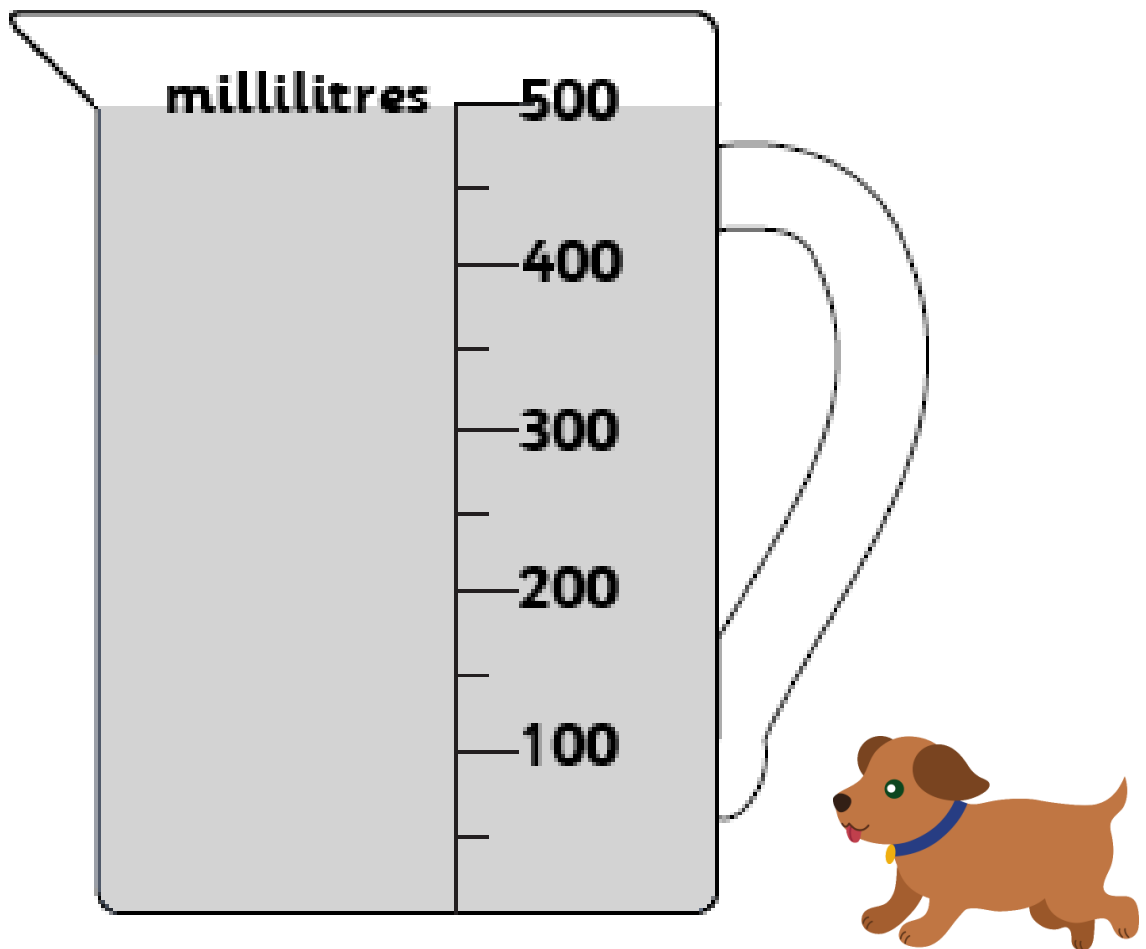
Rumplstiltkin went to see Rosalind at **half past two**.

He left **two hours later**.

14. Tick (\checkmark) the clock which shows when Rumplstiltkin left.



The jug has water in it.



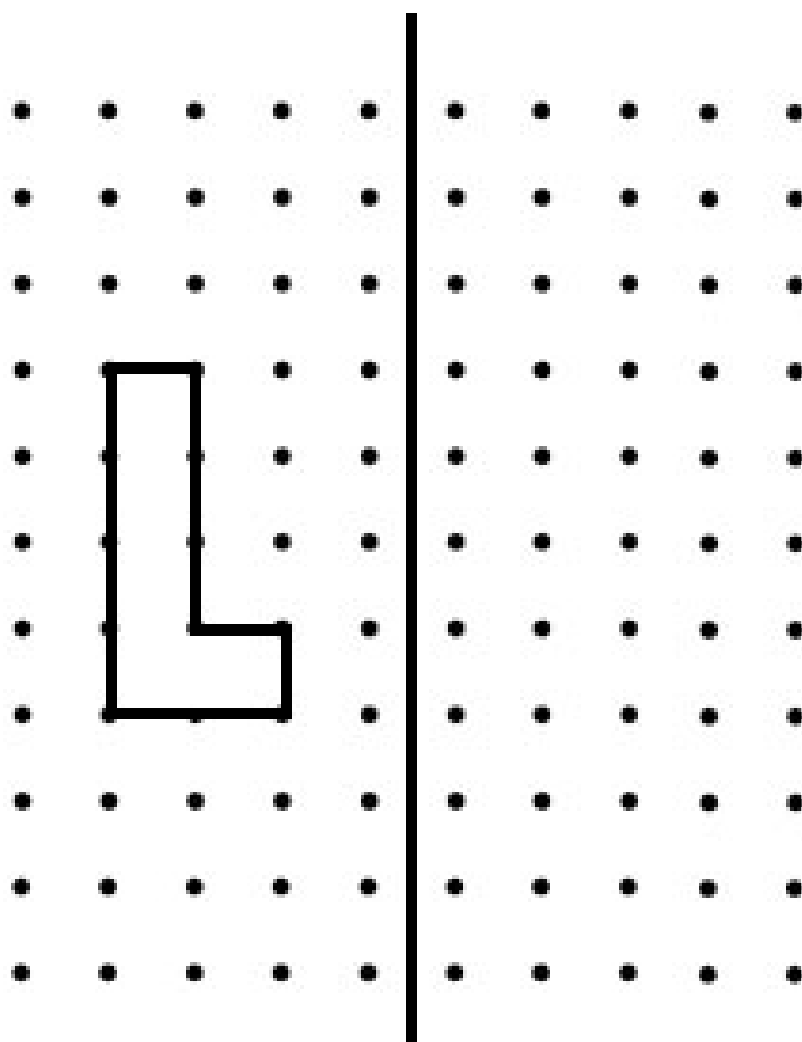
Rosalind's new pet puppy drinks 100 millilitres each day.

15. How much water is left after 3 days?

millilitres

16. Can you help the Rumpelstiltskin to draw a reflection of this shape in the mirror line?

You can use a mirror.

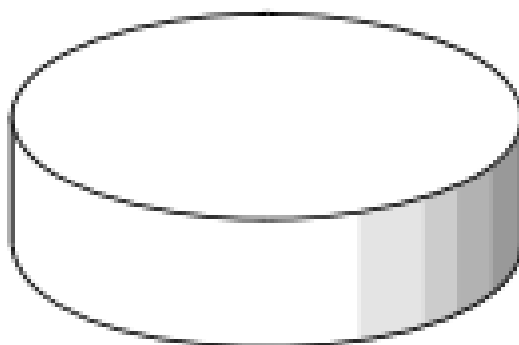
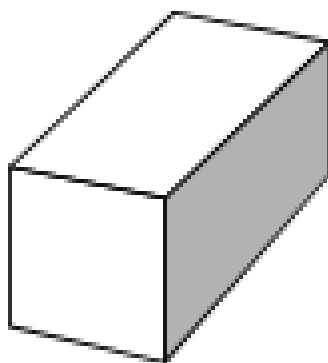
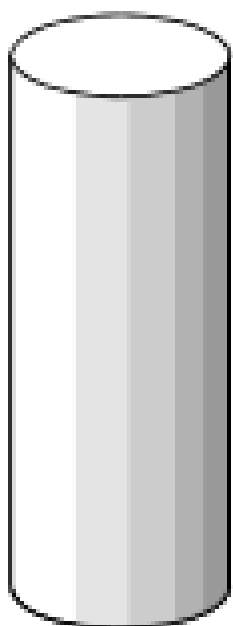
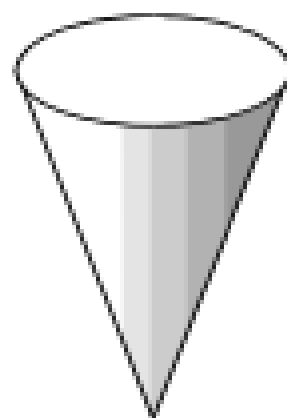
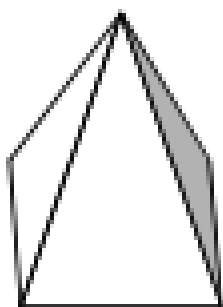


17. The silly miller cannot do this sum. Can you help him to put in the missing digits to make this correct?

$$\begin{array}{|c|} \hline \\ \hline \end{array} \begin{array}{|c|} \hline 0 \\ \hline \end{array} + \begin{array}{|c|} \hline 5 \\ \hline \end{array} \begin{array}{|c|} \hline \\ \hline \end{array} = \begin{array}{|c|} \hline 7 \\ \hline \end{array} \begin{array}{|c|} \hline 5 \\ \hline \end{array}$$

Rosalind must find all the **cylinders** but she doesn't know what a cylinder looks like.

18. Can you help her by putting a tick (\checkmark) on all the **cylinders**?



19. Rumplestiltskin has to do some adding up.
Can you help him?

?



Add together **23**, **67** and **10**

Show how you work it out in this box.

The total is