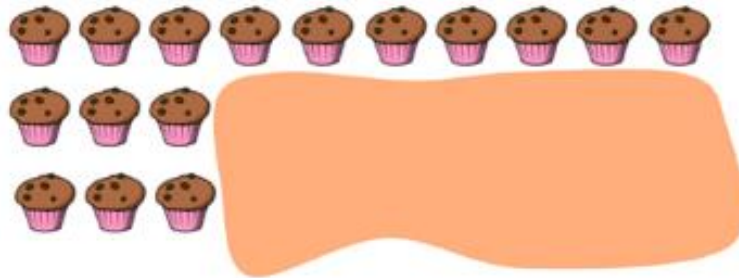


Maths Challenges

Challenge 1

30 cakes are arranged in an **array**. Some of the cakes are hidden.



How many cakes are hidden?

Challenge 2

Work out the missing numbers.

$$10 \times 2 = 5 \times \text{blue circle}$$

$$10 + 2 = 5 + \text{orange triangle}$$

$$10 \div 2 = 5 \div \text{green square}$$

$$10 - 2 = \text{yellow heart} - 5$$

Maths Challenges

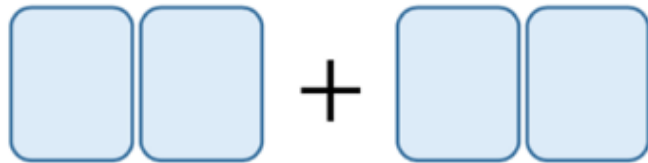
Challenge 3

Danni has these four digit cards.



Danni uses all four cards to make two 2-digit numbers.

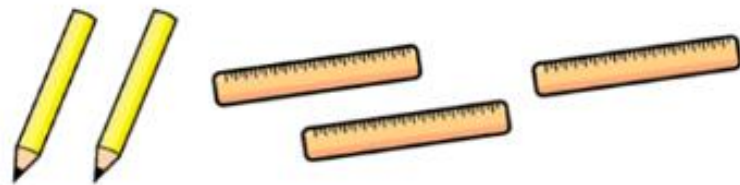
She then adds the two numbers together.



What is the greatest total she can make?

Challenge 4

Sonny buys 2 pencils and 3 rulers.



Each pencil costs 69p.

Sonny pays with a £5 note and receives £1.07 change.

How much does a ruler cost?

Maths Challenges

Answers

Challenge 1 - 14 cakes

Challenge 2 -

$$\text{Blue circle} = 4 \quad \text{Orange triangle} = 7 \quad \text{Green square} = 1 \quad \text{Yellow heart} = 13$$

Challenge 3 - 95

Challenge 4 - 85p