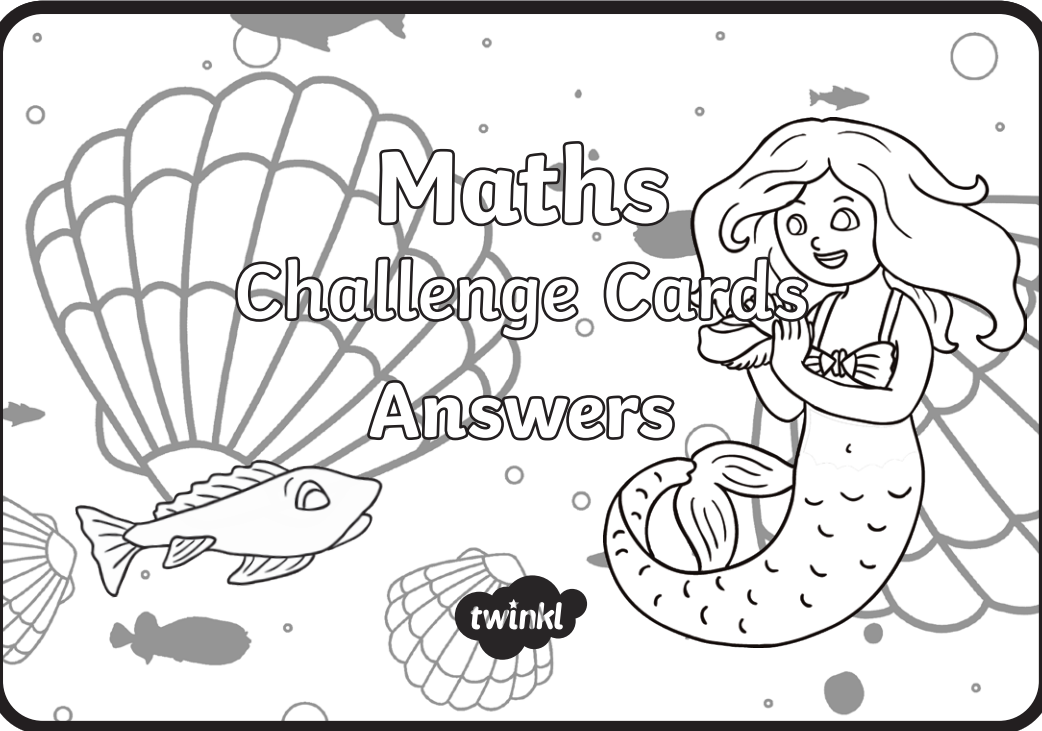


Maths Challenge Cards Answers



Maths Challenge Cards Answers

1. There are 16 fish swimming in the sea.
The fish are yellow, red and green. 5 fish are red, 6 fish are green, how many are yellow?

$$16 - 5 = 11$$

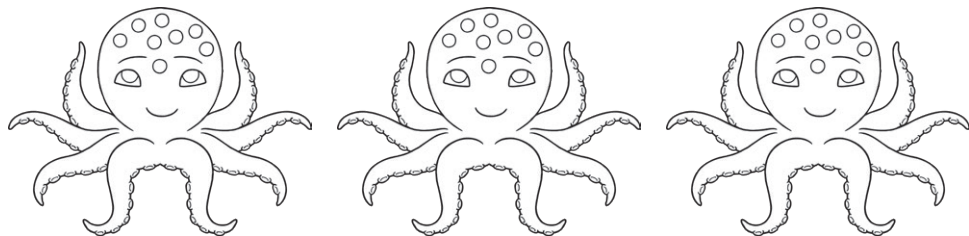
$$11 - 6 = 5$$

5 fish are yellow.

twinkl.com

Maths Challenge Cards Answers

2. Octopuses have 8 tentacles. How many tentacles are there altogether below?



$$8 + 8 + 8 = 24$$

There are 24 tentacles altogether.

twinkl.com

Maths Challenge Cards Answers

3. How many different ways can you find to solve this?

$$4 = \square - \square$$

Answers will vary.

Some examples include:

$$4 = 5 - 1$$

$$4 = 7 - 3$$

$$4 = 9 - 5$$

$$4 = 6 - 2$$

$$4 = 8 - 4$$

$$4 = 10 - 6$$

twinkl.com

Maths Challenge Cards Answers

4. The first anchor weighs 4kg.
The second anchor weighs 7kg.
The third anchor weighs 2kg.
What's the total weight of all the anchors?

$$4\text{kg} + 7\text{kg} + 2\text{kg} = 13\text{kg}$$

The total weight of the anchors is 13kg.

twinkl.com

Maths Challenge Cards Answers

5. Add together the numbers.
2, 3, 4, 6, 7, 8, 10
What is the total?

40

Can you find a quick way to do this?

$$2 + 8 = 10$$

$$3 + 7 = 10$$

$$4 + 6 = 10$$

$$0 + 10 = 10$$

$$10 + 10 + 10 + 10 = 40$$

twinkl.com

Maths Challenge Cards Answers

6. What happens when you add an even number and an odd number together?

The number is odd. For example, $2 + 3 = 5$ 

Does this always happen?

Yes

Why does this happen?

It will always happen because the odd number has an extra 1 and this will always happen until an odd number pairs with another odd to even it out.

twinkl.com

Maths Challenge Cards Answers

7. Lauren, Claire and Shantal are scuba diving.
They each have different coloured hair. The different colours are brown, blonde and ginger.

Claire is on the right and she has brown hair.
Shantal is on the left and doesn't have ginger hair.
Where is Lauren, and what colour is her hair?

Lauren is in the middle with ginger hair.

twinkl.com

Maths Challenge Cards Answers

8. Pick 2 even numbers and add them together.
What do you notice?

For example $2 + 4 = 6$  +  = 

I notice that the answer is always even.

Does this always happen?

Yes

Why does this happen?

Two even numbers will always add together to make an even number, because neither of them has the extra '1' that would make the total odd.

twinkl.com

Maths Challenge Cards Answers

9. The shark has 6 more teeth than the swordfish.
The swordfish has 12 teeth.

How many teeth does the shark have?

$12 + 6 = 18$

The shark has 18 teeth.

twinkl.com

Maths Challenge Cards Answers

10. Find 2 numbers next to each other that add up to 25.

$13 + 12 = 25$

$12 + 13 = 25$

twinkl.com

Maths Challenge Cards Answers

11. Choose 2 odd numbers and add them together.
What do you notice? **For example** $3 + 5 = 8$  +  = 

I notice that the answer is always even.

Try this with different odd numbers.

Does this always happen?

Yes

Why does this happen?

It will always happen because each odd number has an extra 1 so when they are paired it will make an even number.

The answer will always be even.

twinkl.com