

# Mathematics

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Entry 1



Diagnostic Assessment

Holly is going shopping.

1) Put these days in the right order.

**The first day has been done for you.**

Day	Day
Wednesday	<b>Monday</b>
Monday	
Friday	
Tuesday	
Thursday	

2)

<u>Shop Opening Times</u>	
<b>Open</b>	<b>Closed</b>
8 o'clock	6 o'clock

What time does the shop open?

\_\_\_\_\_

Total 2

3) Holly needs £1 for the shopping trolley.

**Tick the £1 coin.**



4) How much money has Holly got in her purse?

£ \_\_\_\_\_



Total 2

5) Holly parks in the car park. Each floor has a number.

**Match the numbers.**

First Floor

2

Second Floor

3

Third Floor

1

Total 1

6) Holly parks in space number 8.

**Tick the number 8.**

Ten
Nine
Eight
Seven
Six
Five
Four
Three
Two
One

Total 1

7) How many shopping bags has Holly got?



8) This is Holly's shopping list.

How many things are on the list?

bread  
cheese  
ham  
sugar  
tea  
juice  
cereal

Total 2

- 9) Holly picks up 4 red apples. She also picks up 2 green apples.

**How many apples has Holly got now?**

\_\_\_\_\_

Total 1

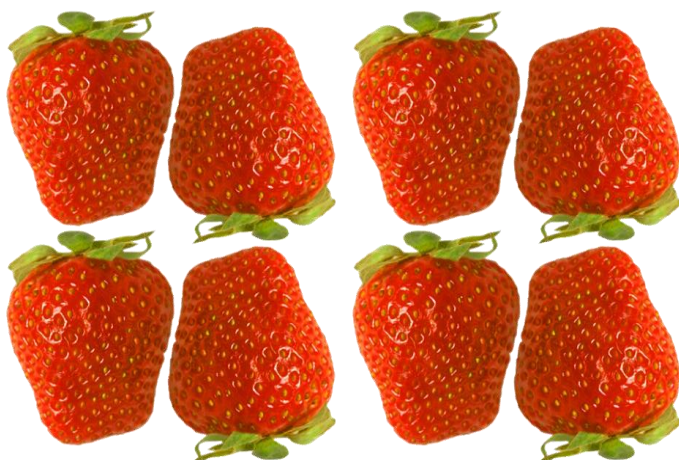
- 10) Holly picks up 5 bananas. She puts 3 back.

**How many bananas has Holly got now?**

\_\_\_\_\_

Total 1

- 11) **Guess** the number of strawberries.



\_\_\_\_\_

Total 1

**You do not need to work these sums out.**

**Put a tick in the box at the side of how you would do the sum.**

- 12) Holly picks up a box of eggs. There are 6 eggs in the box. 1 egg is broken.

How many eggs **are not** broken?

$$6 + 1 = 7$$

☐

$$6 - 1 = 5$$

☐

- 13) Holly picks up 7 toffee yogurts. She also picks up 2 strawberry yogurts.

How many yogurts has Holly got?

$$7 - 2 = 5$$

☐

$$7 + 2 = 9$$

☐

**Total 2**

☐

- 14) Holly counts the cartons of juice. Fill in the missing number.

2

4

\_\_\_\_\_

8

10



Total 1



15) Holly wants a pizza. Tick the **smallest** one.

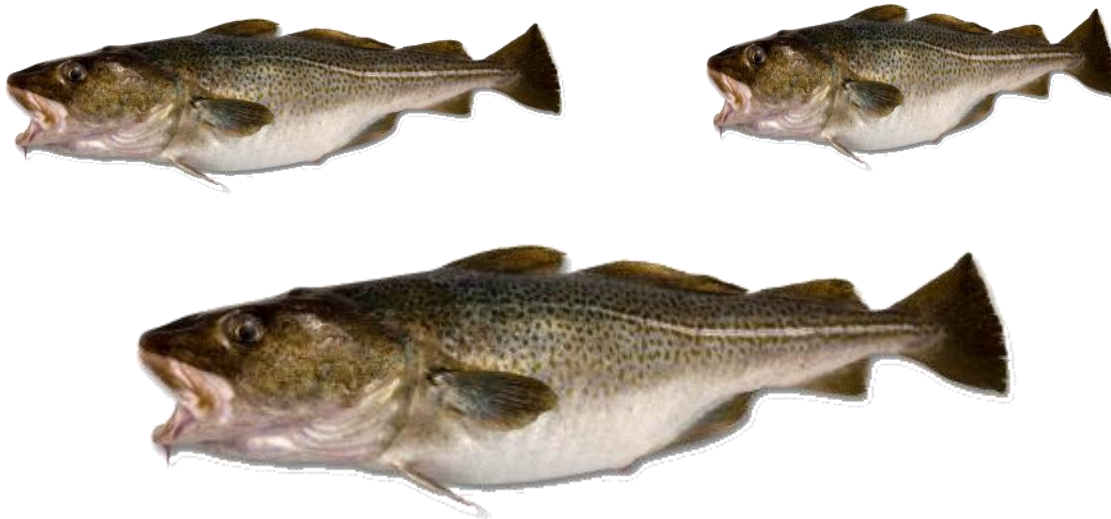


16) Holly wants a birthday cake. Tick the **largest** cake.



Total 2

17) Here are some fish. Which one is the **longest**?



18) People are waiting at the cheese counter. Tick the **tallest** person.

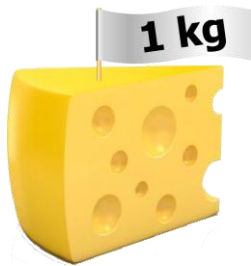


Total 2

☐

- 19) There are 3 pieces of cheese. Which one is the **heaviest**?

Tick the correct piece.



Total 1

☐

- 20) Here are some bottles of water. Which bottle is **empty**?

Tick the correct bottle.



Total 1

☐

- 21) a) This is the pizza in Holly's trolley. What shape is the pizza? **Tick the correct shape.**



Rectangle

Square

Circle

- b) What shape is this birthday cake?  
**Tick the correct shape.**



Rectangle

Square

Circle

- c) Here is a tin of beans. Is the shape **2D** or **3D**? **Circle the correct one.**

2D shape

3D shape



Total 3

22) Holly is looking for sugar.



Tick one box.

The sugar is **inside** the tea and coffee.

☐

The sugar is **between** the tea and coffee.

☐

The sugar is **outside** the tea and coffee.

☐

Total 1

☐

23) Here are some of the things Holly has in her trolley.

2 bananas  
8 strawberries  
6 apples  
9 cakes

a) How many cakes are in the trolley? \_\_\_\_\_

b) There are 8 apples in her trolley.

**Is this True or False?**

True

☐

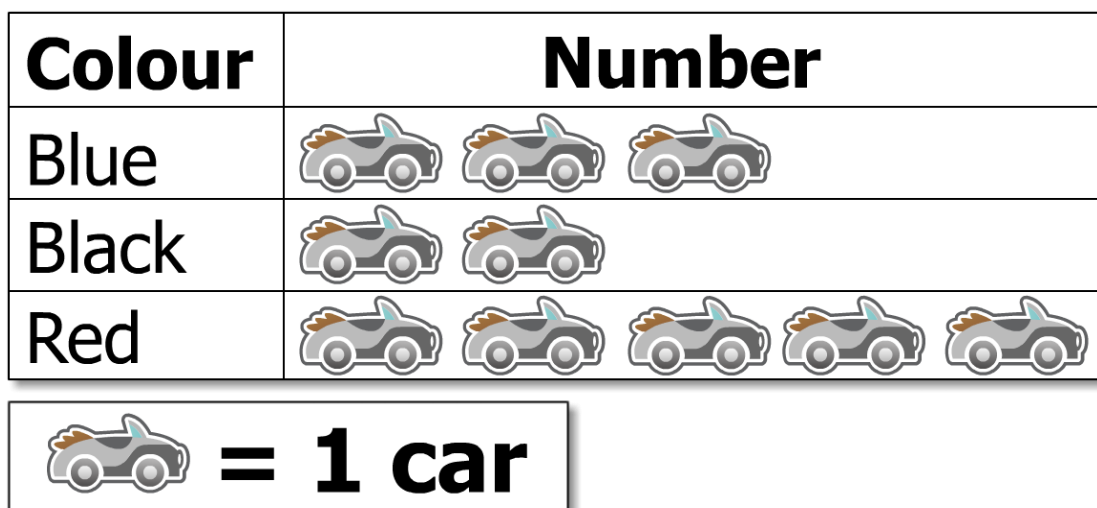
False

☐

**Total 2**

☐

24) This chart shows the colours of the cars in the car park.



a) How many red cars are there? \_\_\_\_\_

b) How many cars are there in total? \_\_\_\_\_

Total 2

25) Holly stops at the recycling centre. She puts all the bottles in the recycling bin.

Tick all the **bottles**.



Total 1

☐