Maths Challenge KS1

British Motor Museum Maths Challenge

Test your maths skills while exploring our collection.
Are you up for the challenge?

2 Rotunda

How many circles can you see on the outside of BMW DIXI?

1

Garage

How many steering wheels can you see?

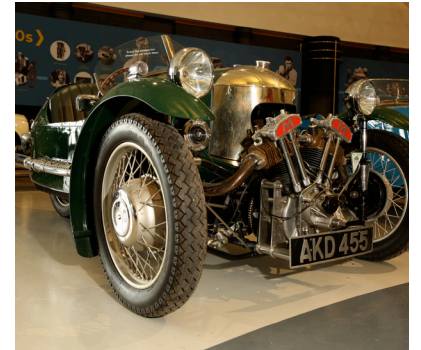How many headlamps can you count?

How many pairs of boots can you see?

3

Sports Cars

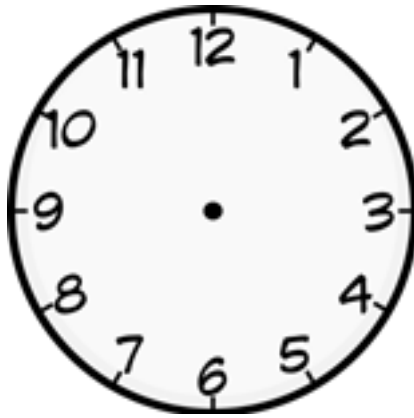Add the number plate of the Lotus VI to the Lotus Seven

Add the number of wheels together on the two Morgans in this area
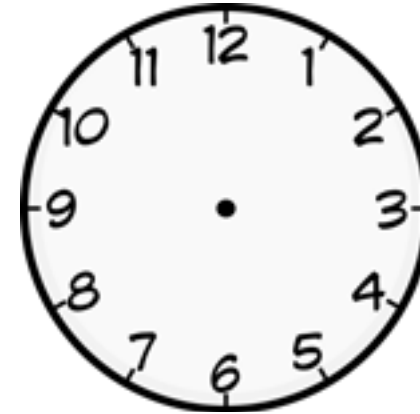
Making British Cars

Multiply the number of wheels on the Wolseley Tri-car by the number of wheels on the Starley Salvo Tricycle

_____

Find the clocking in machine next to the fridge. What is the time? Draw the hands on the clock to show the correct time

How many minutes are left until 2 o'clock?

_____

Turn the corner and find the clocking in machine by the Morris Fire Engine. What is the time? Draw the hand on the clock to show the correct time

If the factory closes at 5:30pm how long is left before you can go home?

_____

5

Under the Skin

Subtract the number of lamps on the yellow Rover from the number of wheels

_____

6

William Morris
look inside his office

What is the month and year on the big book on the desk?

Month: _____ Year: _____

Is it: (please circle)
Spring   Summer   Autumn   Winter

Add together the number of telephones and chairs in the office?

_____

7

Motorsport

Add the number on Morris Oxford 'Red Flash' to the number on the 1936 Austin Seven Twin Cam

_____

How many places did the 1922 Austin Twenty stop on the journey from London to Cape Town? Count the names painted on the car

_____

8

Record Breakers

What is the top speed of the MG EX181?

_____

9 Time Road (1896-1908)

Find the Royal Riley motorised tricycle with DOR on the number plate:

Multiply the number on the number plate by the wheels on the Royal Riley

_____

Count the number of lamps you can spot in the display case next to the Royal Riley

_____

10 Time Road (1909-1925)

Multiply the number of doors by the number of wheels on the 1909 Albion Tourer

_____

11 The Bus

How tall are the wheels on the London Bus? (use the metre ruler on the bus steps)

_____

A ticket for the bus costs 68p. How much change will you have from £1.00?

_____

12 Land Rover

Can you find the 1975 Land Rover 101 and its trailer?
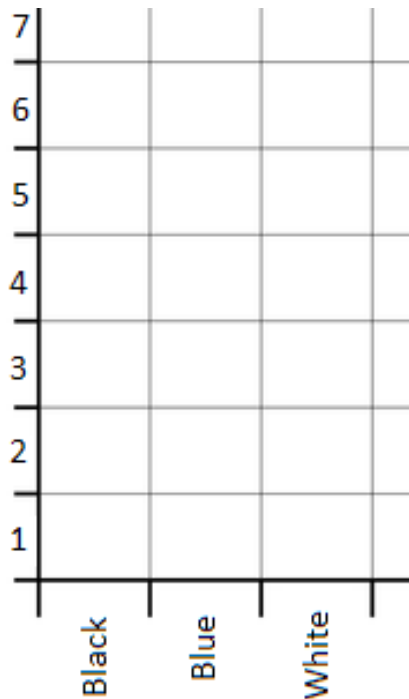Multiply the number of wheels by the number of doors

_____

How many lights can you count on the 101 and its trailer? Remember not to include reflectors!

_____

13 Time Road (1946 onwards)

Can you make a tally of the number of blue, black and white cars on this part of the time road? Put your results into a Bar Chart!

Blue	
Black	
White	

7
6
5
4
3
2
1

Black   Blue   White

14 Design & Concepts

Circle the correct answers below (use your feet to measure!)

Which of these is the longest in length?

Rover SD1 Estate   Nuffield 'Gutty'   Rover/Alvis P6BS

Which of these is the shortest in length?

Rover SD1 Estate   Nuffield 'Gutty'   Rover/Alvis P6BS

**Congratulations!
You have completed the British Motor Museum Maths Challenge!**