

Workdays & Holidays Course: Maths



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Teacher information

This activity is designed for learners working at **Entry 2** or above. The questions are based on information in this museum exhibition:

Workdays & Holidays

Learners can answer the questions on the **wipeable answer sheet** and use the blank space for any working out.

In this activity, learners will practice:

- adding, subtracting and dividing
- recognising and naming 2D and 3D shapes
- describing the properties of common 2D and 3D shapes
- reading time (on analogue clocks)

Introduction

Go to this exhibition to answer the questions:

Workdays & Holidays

You can answer the questions on the **wipeable answer sheet**.

Use the blank space on the **answer sheet** for any working out.

Questions

I. Look around for the red **Royal Mail van**.



There is label on the side of the van.
It reads 'Coventry Transport Museum'.

The label is a **rectangle**.

The Coventry Transport label is a rectangle because: (Tick all correct answers.)

- A.** It has six sides.
- B.** It has two faces.
- C.** All the corners are right angles.
- D.** The opposite sides are parallel.

2. Look around for the **Modec delivery van**.



This van was powered by electricity. This is a **2008** model.

The first model was made in **2006**.

In 2011 the van stopped being made. The company went out of business.

For how many years was the van made?

A. 2 years

B. 3 years

C. 4 years

D. 5 years

3. Look for the **1972 Morris Minor Postal Delivery Van.**



Look at the pictures.

The **top speed** of the 1972 Morris Minor Postal Delivery Van was 60 miles per hour (mph).

Is this faster or slower than the 2008 Modec Van?

Complete the sentences on your answer sheet.

4. The pictures show **a wheel** on the Massey Ferguson Tractor.



Each wheel has **eight nuts** to hold it in place.

What shape is each nut?

- A.** a sphere **B.** a pentagon **C.** a hexagon

5. Look for the **1973 Daimler Fleetline Bus**.



This bus was made in 1973, but was painted in this sky-blue colour to take part in the victory parade for Coventry City's 1987 F.A. cup win.

a) The bus could seat 30 people on the lower floor and 44 on the upper floor.

How many people could sit in the bus altogether?

b) The top floor of the bus has 44 seats.

If 14 seats are empty, how many people are sitting on the top floor?

c) The bottom floor of the bus can seat 30 people.

If 15 people are sitting on the bottom floor, is it correct to say that the bottom is half-full?

d) The top floor of the bus can seat 44 people.

How many families of four can sit on the top floor?

6. Look around for the **2002 Massey Ferguson Tractor**.



The tractor you find should look like the picture.

It has a large **exhaust pipe**.

What shape is the exhaust pipe?

A. a cone

B. a cylinder

C. a pyramid

7. Look for the **clock tower**.



a) What type of clock is this?
Analogue or **Digital**?

b) What time does the clock show in the picture (to the nearest quarter of an hour)?

c)



What time does the clock show (to the nearest quarter of an hour)?

d)



What time does the clock show (to the nearest quarter of an hour)?

e) Martha starts work at half past nine. The journey takes 15 minutes walking.

What time should Martha leave home?

f) Ali finishes work at 5 o'clock. The bus journey home takes 30 minutes.

What time does Ali get home?