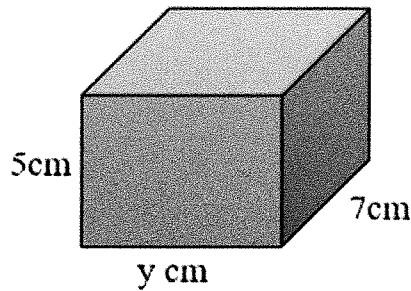


1

Look at the cuboid below.



$$\begin{array}{r} 6 \\ 7 \overline{) 042} \\ \underline{5 16} \\ 216 \end{array}$$

What is the value of y if the volume of the cuboid is 210cm^3 ?

- A 5 B 8 C 9 D 12 **E 6**

2

$\frac{2}{5}$
Sophie and Emily are going to share the cost of a holiday to Turkey costing £895.

Sophie is going to pay $\frac{3}{5}$ of the price. $\times 2$
 $\div 5$ of 895 = £358

How much is Emily going to pay?

- A £358** B £537 C £300 D £447.50 E £179

$$\begin{array}{r} 179 \\ 5 \overline{) 895} \\ \underline{5 145} \\ 179 \\ \underline{179} \\ 0 \end{array}$$

$$\begin{array}{r} 179 \\ \times 2 \\ \hline 358 \end{array}$$

3

Clare is doing her first ever park run.

She starts at 12:27pm and crosses the finishing line 49 minutes later.

At what time does she finish the race?

- A 1:43pm B 12:76pm C 1:27pm **D 1:16pm** E 12:49pm

$$\begin{array}{r} 12:27 \\ + 49 \\ \hline 12:76 \\ - 60 \\ \hline 13:16 \end{array}$$

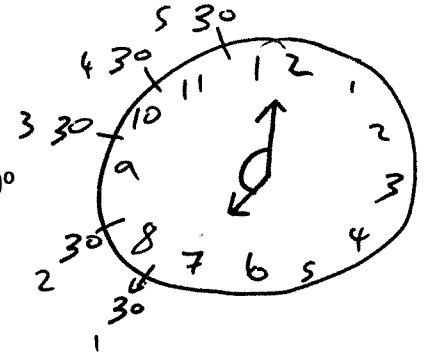
13:16
1:16pm

4

What would the size of the obtuse angle, on an analogue clock, be between the hour hand and the minute hand if the time was 7 o'clock?

- A 210° **B 150°** C 30° D 120° E 180°

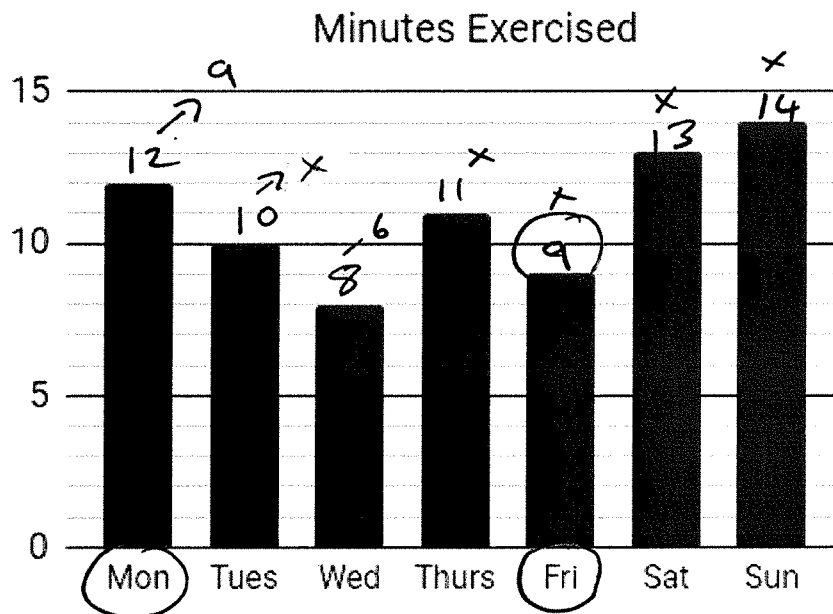
$$5 \times 30 = 150$$



For question 5, you have to **write your answer** in the spaces provided in the question.

5

Sam has made a new year resolution to exercise every day. He records the number of minutes he exercises each day over a week in a bar chart.



One of the days Sam exercised was $\frac{3}{4}$ of the minutes of another day. Write your answer in the spaces below to make the sentence correct.

The number of minutes exercised on Friday was $\frac{3}{4}$ of the amount of minutes exercised on Monday.

In this exercise there are some mistakes with **punctuation** or use of **capital letters**. On each numbered line there is either **one** mistake or no mistake. Find the group of words with the mistake in it and **circle its letter** below. If there is no mistake, mark **N**.

Punctuation Exercise

1 The scientist noted, "Record the temperature every minute carefully" in her lab book.

A B C D

2 At the final whistle, the referee blew loudly and the crowd cheered, clapped and celebrated. N

A B C D

3 "Have you packed your passport" asked Mum, as they hurried through the airport terminal.

A B C D

4 The headteacher who had visited the classrooms, praised the pupils for their behaviour.

A B C D

5 As the explorers entered the cave they felt nervous, excited and curious.

A B C D