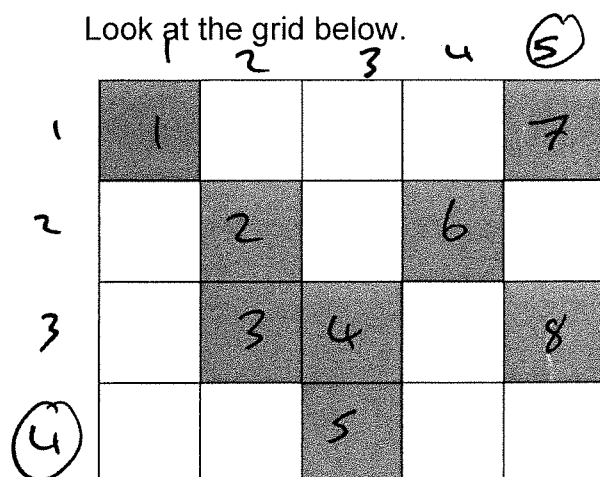


1

Look at the grid below.



$$4 \times 5 = 20$$

$$\begin{array}{r}
 8 \times 5 \\
 \hline
 = 40 \\
 20 \quad \overline{)100} \\
 \underline{20} \\
 20 \\
 \underline{00} \\
 0
 \end{array}$$

What percentage of the grid is shaded?

 A 40%

 B 25%

 C 60%

 D 45%

 E 50%

2

The timetable below shows the times of two express trains between Bangor and Belfast.

Station	A	B
Bangor	0952	1323
Bangor West	-	-
Cultra	-	-
Helen's Bay	-	-
Hollywood	-	-
Belfast	1046	1449

$$\begin{array}{r}
 9:52 \\
 + 10:46 \\
 \hline
 20:38 \\
 - 09:52 \\
 \hline
 10:46
 \end{array}$$

$$\begin{array}{r}
 13:23 \\
 + 1:26 \\
 \hline
 14:49 \\
 - 13:23 \\
 \hline
 1:26 \\
 + 0:54 \\
 \hline
 2:20
 \end{array}$$

How long does it take train A and train B to get from Bangor to Belfast in total?

 A 1hr 54mins

 B 2hrs 14mins

 C 2hrs 20mins

 D 2hrs 40mins

 E 3hrs 0mins

3

$$1\text{m} = 100\text{cm}$$

Adam is 1.52m tall. Adam's classmate, Mathew, is 7cm smaller than him.

What height is Mathew?

$$1.52\text{m} \times 100 = 152\text{cm}$$

$$\begin{array}{r} 152 \\ - 7 \\ \hline 145 \end{array}$$

- A 159cm **B 145cm** C 152cm D 140cm E 148cm

4

Look at the calculation below

$$4^3 + 23.16$$

$$\begin{array}{r} \cancel{4} \times \cancel{4} \times \cancel{4} = 64.00 \\ 16 \rightarrow + 23.16 \\ \hline 87.16 \end{array}$$

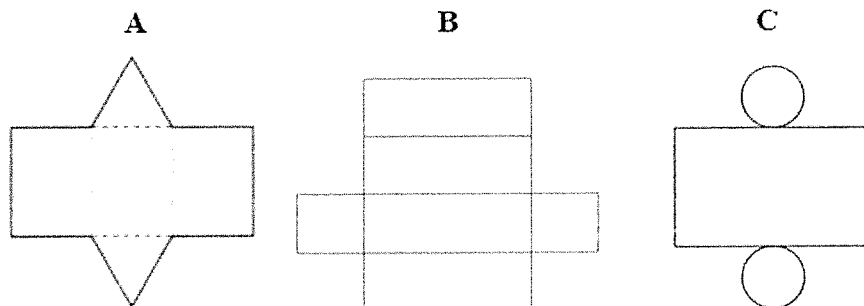
What is the answer?

- A 39.16 B 91.16 C 23.16 **D 87.16** E 35.16

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

5

Look at the nets below labelled A, B and C.



Fill in the table below with the correct name for the 3D shape that each net creates when assembled.

Net	3D Shape Name
A	Triangular Prism
B	cuboid
C	cylinder

In this exercise you have to choose the **best** word, or **group of words**, to complete each numbered line so that the passage makes sense and is written in correct English. Choose the best answer and **mark its letter on your answer sheet**.

Grammar Exercise

1

The librarian suggested that the children

both every each all neither borrow a book before the holidays ended.

A B C D E

2

The rescue team searched the mountain

since during until while almost darkness fell across the valley.

A B C D E

3

She revised carefully despite even though although so that unless she would feel prepared for the exam.

A B C D E

4

The match was cancelled; besides despite instead nevertheless in addition the players were disappointed.

A B C D E

5

The artist painted more careful most carefully careful carefulness carefully to capture every detail of the landscape.

A B C D E