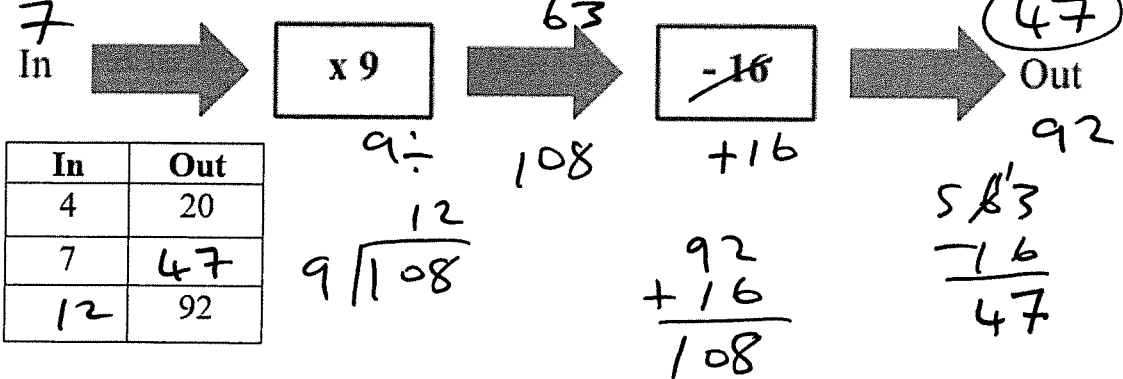


1

Look at the function machine and table below.



The first row is done: In = 4, Out = 20.

Which option shows both missing values in the table correctly?

- A Out=35, In=10 B Out=47, In=12 C Out=47, In=10 D Out=35, In=12 E Out=63, In=12

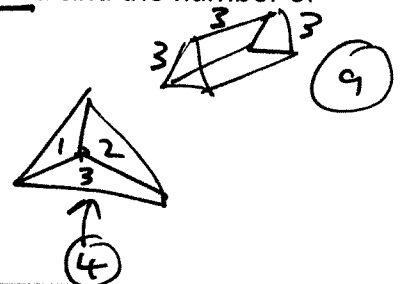
2

Look at the question below. It relates to the properties of two different 3D shapes.

The sum of the number of faces on a triangular based pyramid and the number of edges on a triangular prism is ____.

What is the correct value for the sum?

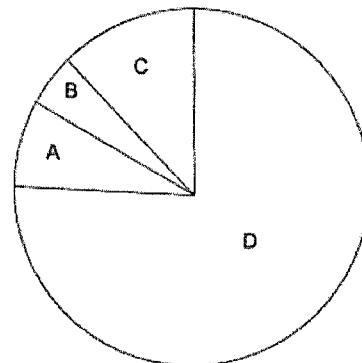
- A 9 B 11 C 13 D 15 E 17



3

The following table and pie chart represent the different ingredients in a cake.

Substance	Percentage of sponge cake	Section of Pie Chart
Flour	13%	C
Sugar	75%	D
Butter	7%	A
Other	5%	B

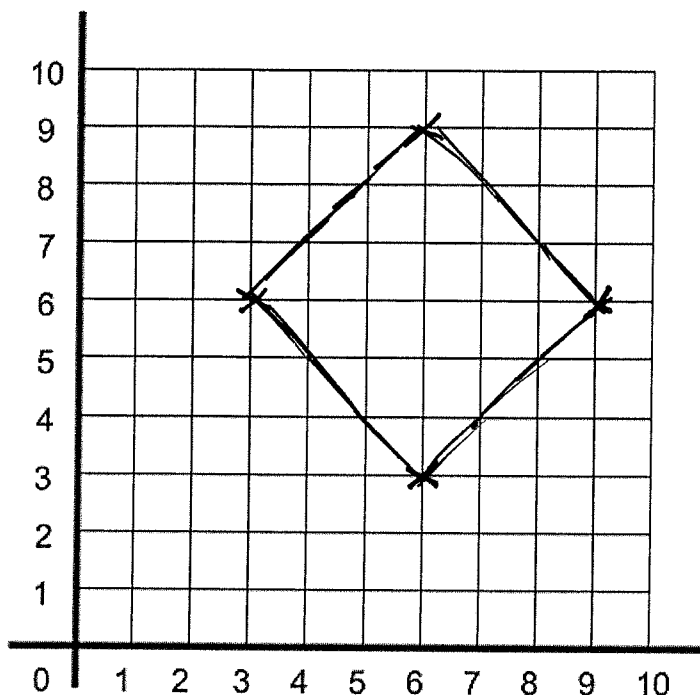


Which option shows the correct letters for the ingredients (from top to bottom in the table)?

- A ABCD B CDAB C DCBA D CABD E BCDA

4

Plot the points (3, 6), (6, 3), (9, 6) and (6, 9) on the grid above.
These are the corners of a quadrilateral.



Which option names the quadrilateral correctly?

A Rectangle

B Rhombus

C Parallelogram

D Square

E Kite

For question 5, write your answer in the space provided below.

5

How many degrees are there in three and one fifth of a turn?

Write your answer in the space below.

1152°

$$\begin{array}{r} 1080 \\ + 72 \\ \hline 1152 \end{array}$$

$$\frac{1}{5} \text{ of } 360 = 72$$

$$5 \overline{) 360}$$

In this exercise there are some **spelling** mistakes. On each numbered line there is either **one** mistake or **no** mistake. Find the group of words with the mistake in it and mark its letter on your answer sheet. If there is no mistake, mark N.

Spelling Exercise

1 The mountain climber made maid a thorough assessment of the route before setting off at dawn to the summit.

A B C D

2 The enthusiastic volunteers spent the whole afternoon tidying the community garden. It was a damaged by vandals.

A B C D

N

3 The professional athlete had an extraordinary extrodinary talent for sprinting over long distances. They were able to endure a lot of suffering.

A B C D

4 The exhausted surgeon completed the delicate procedure with great skill and precision preission.

A B C D

The family thanked him for his efforts.

5 The journalist jounalist wrote a detailed article about the fascinating discovery in the caves. It was the first of its kind in this field.

A B C D