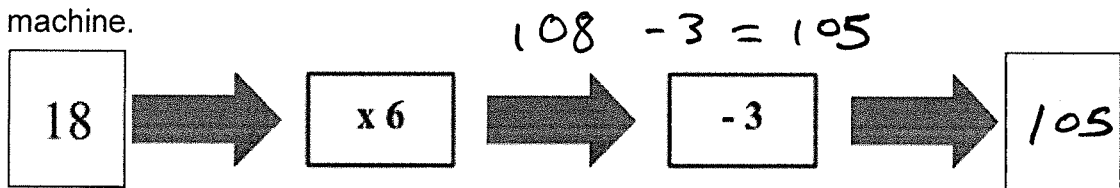


Daily 5: Day 117 Name: _____

1

Look at the function machine below. The end number is missing in this function machine.



What is the correct number in the blank box?

A 15

B 105

C 90

D

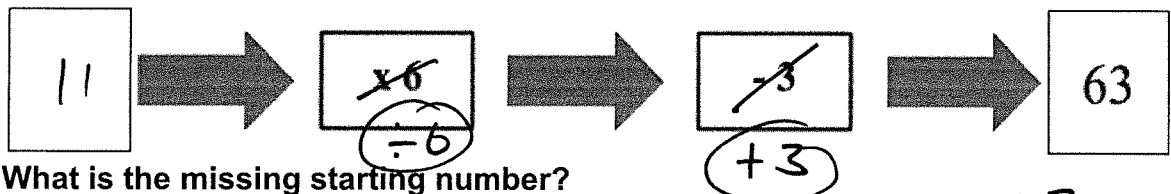
108

E 111

$$\begin{array}{r} 4 \overline{) 18} \\ \underline{24} \\ 108 \end{array}$$

2

Look at the function machine below. The starting number is missing in this function machine.



What is the missing starting number?

A 9

B 10

C 13

D 12

E 11

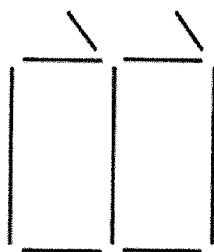
$$\begin{array}{r} 63 \\ + 3 \\ \hline 66 \\ \underline{55} \\ 11 \end{array}$$

3

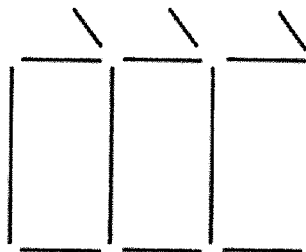
John is making patterns from sticks. The first three patterns are shown below.



Pattern 1



Pattern 2



Pattern 3

Pattern 1 uses 5 sticks, Pattern 2 uses 9 sticks and Pattern 3 uses 13 sticks.

How many sticks does John need to make Pattern 9?

A 33

B 36

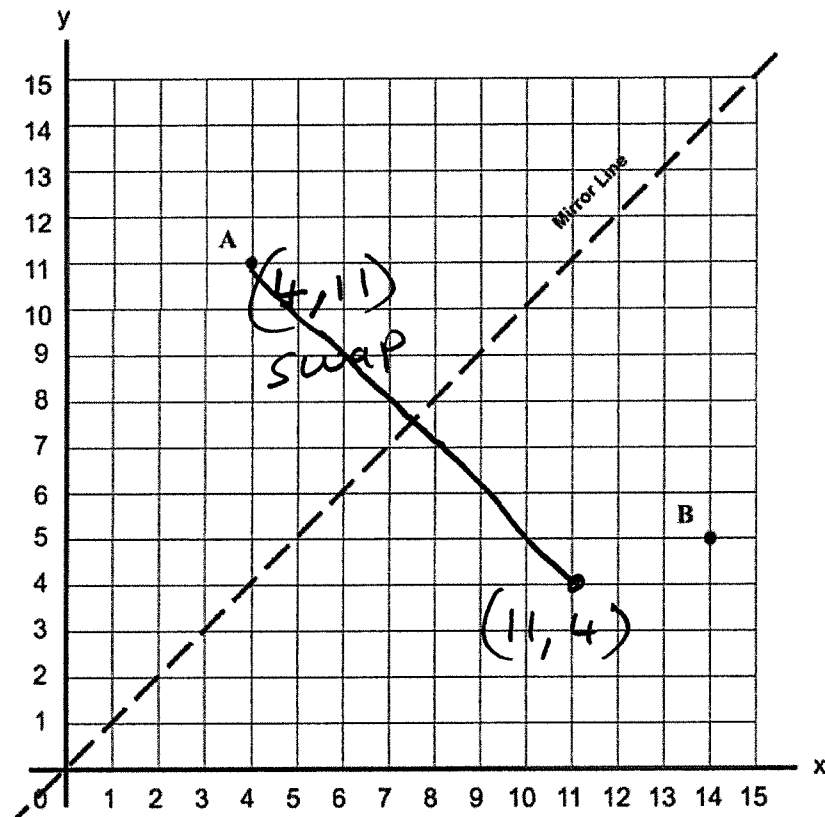
C 41

D 37

E 45

4

In the figure below there are two points A and B. There is also a mirror line. A is the point (4, 11).



The point A is reflected in the mirror line.

What are the coordinates of the new point?

A (4, 5) B (5, 14) C (11, 4) D (14, 5) E (14, 11)

5

A piece of ribbon is 8.8 m long. It is cut into 16 equal pieces.

How long is each piece of ribbon?

$$8.8 \times 100 = 880 \text{ cm}$$

55 cm

$$\begin{array}{r} 055 \\ 4 \overline{) 220} \\ \underline{4} \\ 880 \end{array}$$

16
↓ ↓
4 4

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

Grammar Exercise

1 Before the train arrived, the passengers
A B C D
 on the cold platform for almost an hour.
E

2 The pianist performed the difficult concert
A B C
 despite her obvious nerves.
D E

3 There were
A B C D E
biscuits left in the tin, so nobody could have seconds.

4 The scientist
A B C D E
discovery transformed medicine received a major award.

5 We set off at dawn
A B C D E
the mountain roads would be quieter early in the morning.