

Daily 5: Day 67 Name: _____

$$2 \times 2 \times 2 = 8$$

1

If $a = 1$, $b = 2$ and $c = 3$, what is the value of $b^3 + c$?

$$\begin{array}{l} \uparrow \\ 2^3 + 3 = \end{array}$$

$$8 + 3 = 11$$

A 11

B 9

C 36

D 28

E 42

2

A pupil calculates that $16 \times 32 = 512$.Using this fact, what is the value of $512 \div 16 = 32$

A 16

B 32

C 64

D 24

E 48

3

Over six hours, Tony counted the cars that passed his home each hour:
$$\begin{array}{l} + + + + + \\ 9, 3, 5, 7, 8, 10. \\ 12 + 12 + 18 \end{array}$$

What is the mean number of cars per hour?

A 3

B 5

C 7

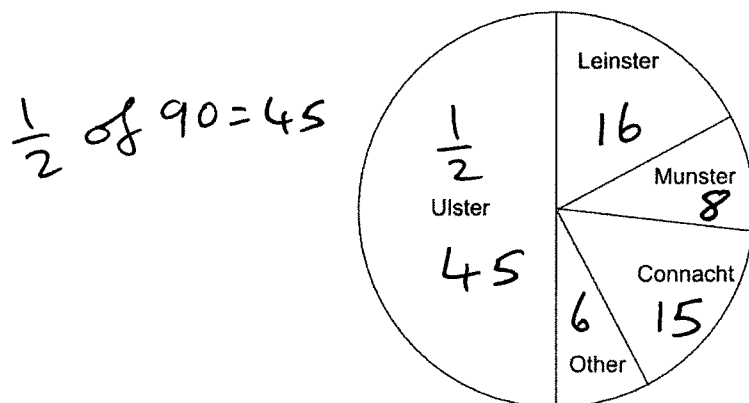
D 9

E 10

$$\begin{array}{r} 12 \\ 12 \\ + 18 \\ \hline 6 \overline{) 42} \\ \underline{42} \\ 7 \end{array}$$

4

The pie chart below shows 90 adult's favourite rugby team.



$$\begin{array}{r} 45 \\ 15 \\ 16 \\ + 28 \\ \hline 84 \end{array} \quad \begin{array}{r} 8 \\ 10 \\ - 84 \\ \hline 06 \end{array}$$

The number of adults who like Munster is 8. The number of adults who like Leinster is 16. The number of adults who like Connacht is 7 more than Munster.

$$8 + 7 = 15$$

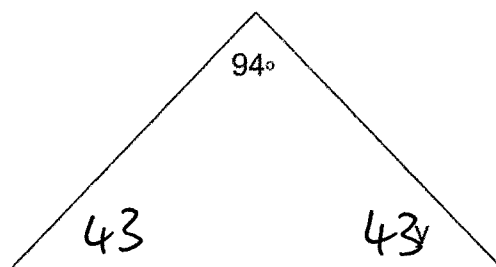
How many adults like other?

- A 6 B 5 C 7 D 9 E 10

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

5

Look at the isosceles triangle below.



$$\begin{array}{r} 17 \\ + 80 \\ - 94 \\ \hline 286 \\ \hline 43 \end{array}$$

What is the value of y?

43°

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 scientist discovered that **neither** **either** **both** **one** **several**
A B C D E
of the two experiments had produced accurate results.
- 2 She would have won the race **unless** **therefore** **if** **although** **because** she
A B C D E
had bought the new bicycle.
- 3 The firefighter climbed **careful** **carelessly** **carefully** **carefulness** **most careful**
A B C D E
up the ladder to rescue the trapped child.
- 4 The storm had passed; **however** **despite** **moreover** **meanwhile** **in addition**
A B C D E
the streets were still flooded the next morning.
- 5 The athlete trained **hard** **more hard** **hardness** **hardened** **hardest**
A B C D E
every day to prepare for the championship.