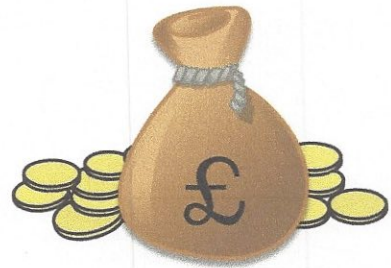
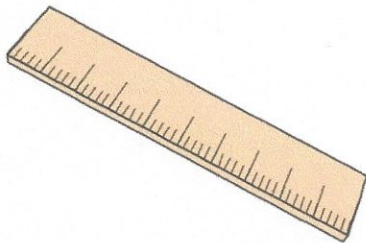


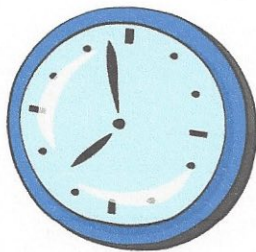
Primary Practice Questions



Corbettmaths



Square Numbers



Tips

- Read each question carefully
- Attempt every question.
- Check your answers seem right.
- Always show your workings

Recap



Remember

- There are daily questions found at
www.corbettmaths.com/5-a-day/primary

1. Here is a list of numbers

2 6 11 14 16 18 24 25

From the list, write down the square numbers

16 and 25

2. Write down the value of 3^2

$$3 \times 3$$

9

3. Write down the value of 7^2

$$7 \times 7$$

49

4. Write down the value of 10^2

$$10 \times 10$$

100

5. Write down the value of eight squared

$$8 \times 8$$

64

6. Write down the value of 12^2

$$12 \times 12$$

144

7.

2	36	100
52	4	54
	81	60

Circle all the square numbers

8.

Write down all the square numbers between 40 and 110

49 64 81 100

11.

15^2

$$\begin{array}{r} 15 \\ \times 15 \\ \hline 75 \\ 150 \\ \hline 225 \end{array}$$

225

12.

21^2

$$\begin{array}{r} 21 \\ \times 21 \\ \hline 21 \\ 420 \\ \hline 441 \end{array}$$

441

13.

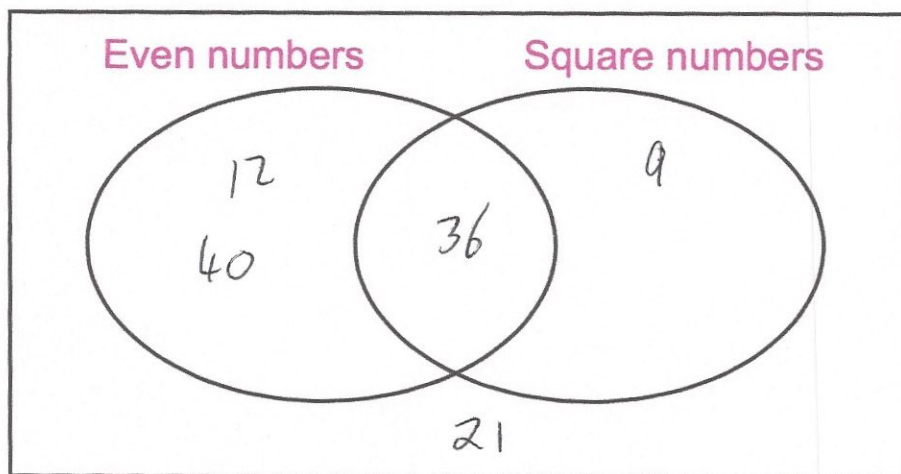
60^2

$$\begin{array}{r} 60 \\ \times 60 \\ \hline 3600 \end{array}$$

3600

14. Write each number in the correct position on the diagram

S E S E
9 12 21 36 40



15. Gareth chooses a **square number**.

He rounds it to the nearest hundred.

His answer is 100.

Write all the possible square numbers that Gareth could have chosen

..... 64 81 100 121 144

16. A square number and a multiple of 3 have a total of 90.

$$\boxed{81} + \boxed{9} = 90$$

square number	multiple of 3
9	81
36	54

Write two possible numbers in the boxes

17. Megan says

“When you square a number, the answer is always bigger.”

Explain why Megan is wrong

$$0^2 = 0$$

$$0.5^2 = 0.25$$

$$1^2 = 1$$

0^2 is 0, which is not bigger.

0.5^2 is 0.25, which is actually smaller.

18. A **square** number and a **prime** number have a total of 17

What are the two numbers?

$$\begin{array}{ccc} \boxed{4} & + & \boxed{13} = 17 \\ \text{square number} & & \text{prime number} \end{array}$$