

26th October



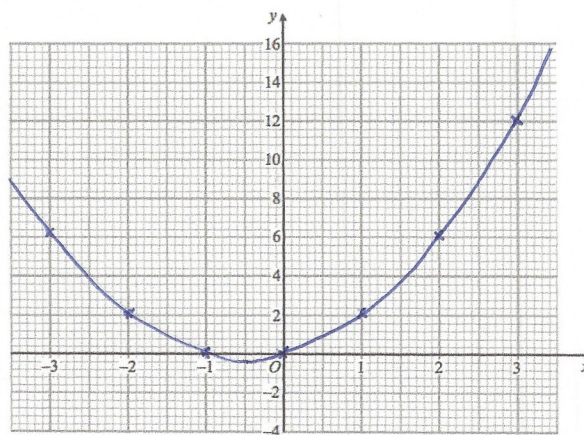
Corbettmaths

Write down the reciprocal of 0.04 =

25

 $\frac{1}{25}$ Complete the table of values for
 $y = x^2 + x$

x	-3	-2	-1	0	1	2	3
y	6	2	0	0	2	6	12

On the grid, draw the graph of $y = x^2 + x$
for the values of x from -3 to 3.Fiona leaves £2000 in the bank for four
years.
It earns compound interest of 5% each
year.

$$2000 \times 1.05^4$$

$$£2431.0125$$

Calculate the total amount Fiona has in
the bank at the end of the four years.

£2431.01

Solve these simultaneous equations

$$3x - 4y = 18 \quad \times 5$$

$$2x - 5y = 19 \quad \times 4$$

$$15x - 20y = 90$$

$$8x - 20y = 76 \quad \text{Subtract}$$

$$7x = 14$$

$$x = 2$$

$$\text{Ans } \boxed{\begin{matrix} x = 2 \\ y = -3 \end{matrix}}$$

$$6 - 4y = 18$$

$$-4y = 12$$

$$y = -3$$

check

$$4 - (-15) = 19 \checkmark$$