

A prime number
has exactly 2
factors:
2, 3, 5, 7, 11, 13,
17, 19...

1 and 3 are
common factors
of 15 and 21

15 and 21 are
common multiples
of 3



prime
common
factor
multiple
multiplier
divisor

If I know...
then I also know...
because...

$$0.8 \times 7 = 8 \times 7 \div 10 = 5.6$$

$$56,000 \div 80 = 700$$

$$4.2 \times 5 = 4.2 \times 10 \div 2 = 21$$

M	HTh	TTh	Th	100s	10s	1s	•	$\frac{1}{10}$	$\frac{1}{100}$	$\frac{1}{1000}$
					1	3	•	6		
Ten times greater										
				1	3	6		←		
		1	3	6	0	0		←		
Ten times smaller										
						1	•	3	6	
						0	•	1	3	6

Multiplying and dividing by 10, 100 and 1000

13.6×10

move digits 1 place left

$$13.6 \times 1000$$

move digits 3 places left

$$13.6 \div 10$$

move digits 1 place right

$$13.6 \div 100$$

move digits 2 places right

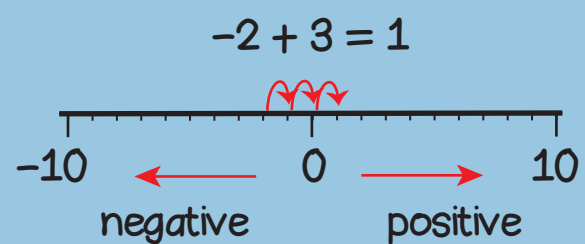


$$\begin{array}{r} 2427 \\ \times \quad 38 \\ \hline 19416 \\ 38 \\ \hline 92226 \end{array}$$

$$\begin{array}{r} 0139r3 \\ 24 \overline{) 3339} \\ \underline{3339} \\ 0000 \end{array}$$

1	24
2	48
4	96
5	120
8	192
10	240

$$3339 \div 24 = 139 \text{ r}3 = 139\frac{3}{24}$$
$$= 139.13 \text{ (to 2dp)}$$



Round to the nearest million

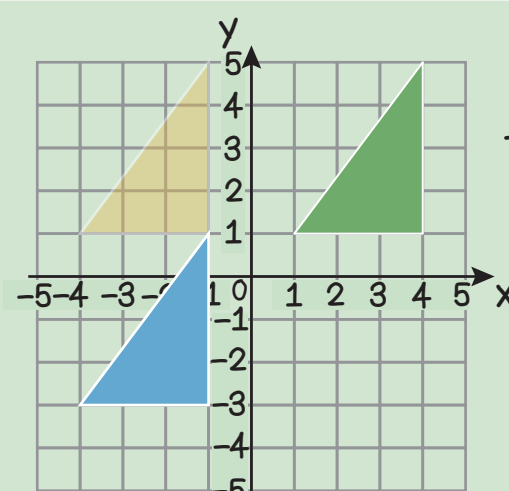
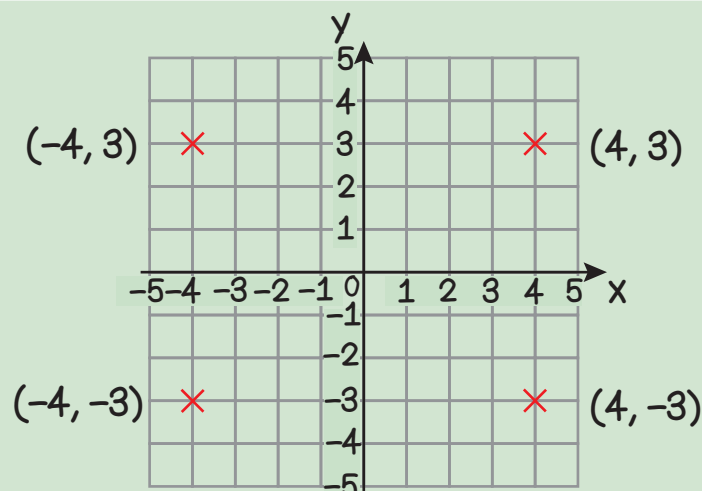
2,643,278 $\rightarrow$ 3,000,000

2,000,000 3,000,000

4 or less

5 or more - round up
4 or less - round down

Year 6 Term 1



Translate the triangle
5 squares left and
4 squares down.

Reflect the triangle:
in the **x axis**
in the **y axis**

