January 16th	5-a-day	Numeracy

442 + 1480

1480
442
1922

6 x -4

-24

-7 x -4

28

Portadown	0745 **0911**	0915
Lurgan	0751	0921
Moira	0758	0928
Lisburn	0808	0938
Great Victoria Street	0829	0959
Belfast Central M	0840	1010

Lorna lives in Lurgan. She needs to get to Belfast Central by 10am.

What time should she get the train?

07:51

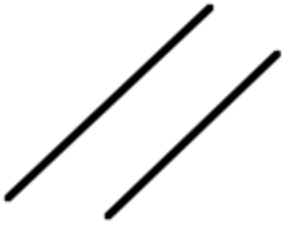
Work out the mean:

5 9 3 5

5+9+3+5= 22

22 ÷ 4 = 5.5

Draw two lines that are parallel



Draw two lines that are perpendicular

January 16	5-a-day	Foundation

If $2x + 4y = 18$

What is the value of $4x + 8y$?

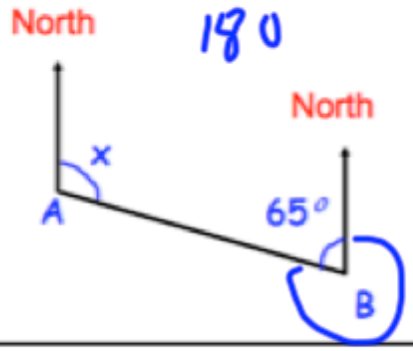
36

What is the value of $x + 2y$?

9

What number needs to be multiplied by 3 to make 1?

$\frac{1}{3}$



180

180

-65

115

295°

What is the size of angle x?

115°

What is the bearing of A from B?

295°

What is the bearing of B from A?

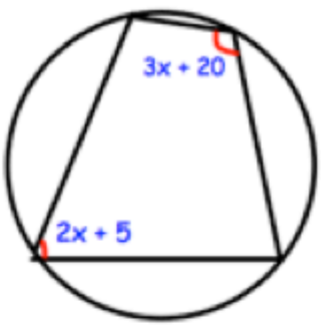
115°

£2000 is invested at 10% interest for two years. How much money will there be after 2 years?

1st year £2200

2nd year £2420

January 16	**5-a-day**	**Higher**

Write 5830000 in standard form. 5.83×10^6	Write sixteen million in standard form. 16000000 1.6×10^7
Calculate the distance between the coordinates (4, 10) and (2, 4). Give your answer correct to 1 decimal place. 6.3	y 6 2 $2^2 + 6^2 = y^2$ $40 = y^2$ $y = \sqrt{40}$
Find the coordinates where the graphs y = x + 3 and y = 3x - 9 meet. $3x - 9 = x + 3$ $2x - 9 = 3$ $2x = 12$	$x = 6$ $y = 9$
	Find x. $2x + 5 + 3x + 20 = 180$ $5x + 25 = 180$ $5x = 155$ $x = 31$
Two containers are mathematically similar. The height of container A is 5cm. The height of container B is 12.5cm The volume of A is 240cm³	What is the volume of B? 2.5 240×2.5^3 $3750\ cm^3$