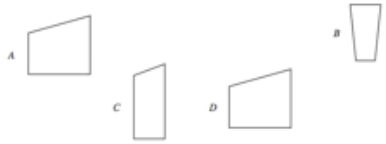
Name: _____

October 17th	**5-a-day**	**Numeracy**
19725 people went to watch a football match between Chelsea and Fulham. Round this number to the nearest thousand.	20000	
Work out 495 + 228 723	Work out 4120 - 2911 1209	
$\sqrt{4} + 9^2$	2+81 =83	
	What number is the arrow pointing to? 2.68	
	Which shapes are congruent? A & D	

Name: _____

October 17	5-a-day	Foundation

Solve

$\frac{w}{3} = 9$

$w = 27$

Solve

$3w + 20 = 9w - 10$

$20 = 6w - 10$

$6w = 30$

$w = 5$

The distance from A to C is $3\frac{2}{3}$ miles

What is the distance from B to C?

$3\frac{2}{3} - 2\frac{1}{2}$ $\frac{11}{3} - \frac{5}{2}$

$\frac{22}{6} - \frac{15}{6} = \frac{7}{6}$

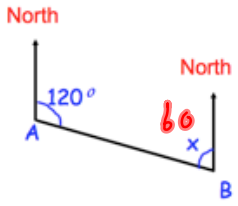
$1\frac{1}{6}$ miles

	French	Art
Female	8	3
Male	7	3

A student is chosen at random.

What is the probability they study Art?

$\frac{6}{21} = \frac{2}{7}$



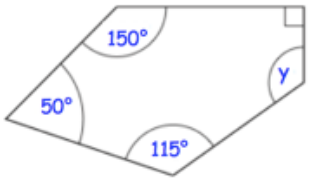
What is the ~~angle~~ bearing of B from A?

120°

What is the ~~angle~~ bearing of A from B?

300°

Find y.



$540 - 405$

$135°$

Name: _____

October 17	5-a-day Higher
There are red, green and yellow beads in a bag. The relative frequency of a red is 0.18. Mrs Jones chooses a bead at random and then puts it back in.	If Mrs Jones repeats this 300 times, how many red beads are expected? 300×0.18 54
Simplify $\frac{x^2 + 3x}{3x^2}$ $\frac{x(x+3)}{3x^2}$	$\frac{x+3}{3x}$
Work out $16^{\frac{3}{2}}$ 64	Evaluate $\left(\frac{16}{25}\right)^{\frac{1}{2}}$ $\frac{4}{5}$
The sum of the interior angles in a polygon is 7380°. Calculate the number of sides the polygon has $(n-2) \times 180 = 7380$	43
Rationalise the denominator $\frac{12}{7\sqrt{3}} = \frac{12\sqrt{3}}{21} =$	$\frac{4\sqrt{3}}{7}$