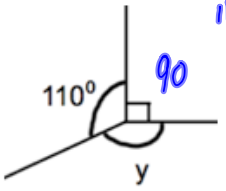
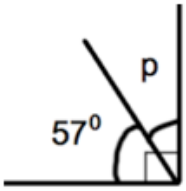
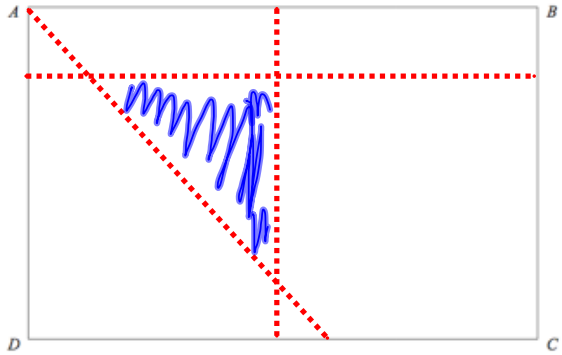
Name: _____

October 13th	5-a-day	Numeracy
Jim sends 14 text messages daily that cost 5p each. He makes 3 calls each day costing 25p each. How much does he spend altogether over five days? $14 \times 5 = 70p$ $3 \times 25p = 75p$ $145p$ $145p \times 5 = £7.25$		
 $110 + 90 = 200$ $360 - 200$ $= 160°$		 $90 - 57$ $= 33°$
What is the smallest number that is exactly divisible by 3 and 11? 33		What is the smallest number divisible by both 6 and 9? 18
Matt's age and Clark's age add up to 64. Matt is 36 years older than Clark. How old is Clark? 14		
W = 3a + 2c Find W if a = 7 and c = 8 $21 + 16 = 37$		Find W if a = 3.5 and c = 2.2 $3 \times 3.5 + 2 \times 2.2$ 14.9

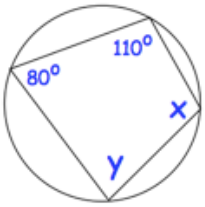
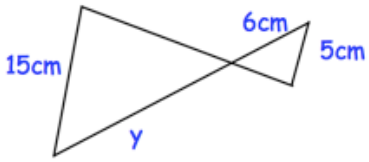
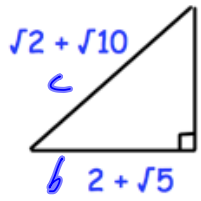
Name: _____

October 13	5-a-day	Foundation
Factorise 3y + 18 $3(y+6)$		
Solve 5(3x + 4) = 10x + 90 $15x+20=10(x+9$		
Work out 2.36 x 37 87.32		



Shade the region of points that satisfy:
(a) Closer to A than B. (b) Nearer to AB than AD
(c) More than 1cm from AB.

Name: _____

October 13	5-a-day	Higher
Write down the value of: $27^{\frac{2}{3}}$ 9	Write down the value of: 8^{-2} $\frac{1}{64}$	
	x = 100° y = 70°	
	Find y 18cm	
Find the equation of the straight line through (0, 8) which is perpendicular to the line y = 4x + 1	$y = -\frac{1}{4}x + 8$	
	Prove this triangle is right-angled $(\sqrt{3})^2 + (2+\sqrt{5})^2 = (\sqrt{2+\sqrt{10}})^2$? $3+(4+4\sqrt{5}+5) = (2+2\sqrt{20}+10)$? $12+4\sqrt{5} = 12+2\sqrt{20}$ $12+4\sqrt{5} = 12+2\times\sqrt{4}\times\sqrt{5}$ $12+4\sqrt{5} = 12+4\sqrt{5}$ ✓ QED	