
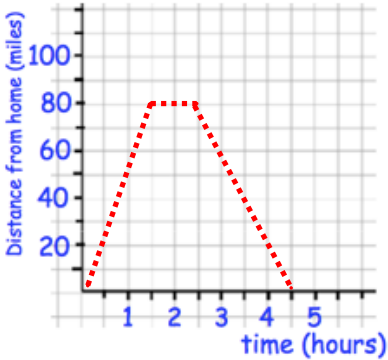
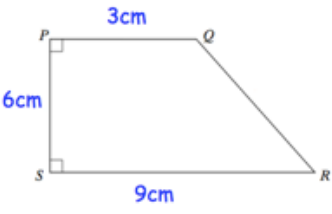


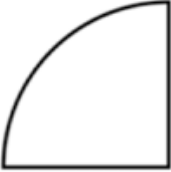

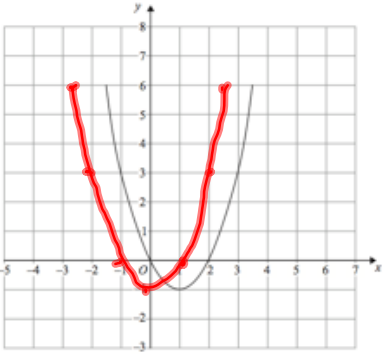
Name: _____

October 4th	5-a-day	Numeracy
A pizza costs £1.50. How many pizzas can be bought for £10? 6		$6 \times 1.5 = 9$
 A pizza costs £5.55 Jim pays with a £10 note.		How much change should he receive? £4.45
Work out 32×101 3232		
20 pencils cost £5. What is the cost of one pencil? $500 \div 20 = 25p$		25p
Small pack: 4 batteries for £1.80 Large pack: 6 batteries for £2.76 Which is better value for money? small pack		45p each 46p each

Name: _____

October 4	5-a-day	Foundation
<p>\$1.50 = £1</p> <p>A pairs of trousers costs £70.</p> <p>Work out the cost in dollars.</p>	70×1.5 $\$105$	
 <p>Using the information above, complete the distance-time graph.</p>	<p>Paul travels from home to work, which is 80 miles away. It takes one and a half hours.</p> <p>Paul stays at work for one hour.</p> <p>He then travels home, but due to traffic, it takes two hours.</p> <p>What was Paul's speed on the journey to work?</p> $s = \frac{d}{t} \quad \frac{80}{1.5} =$ 53.3 mph	
	<p>Calculate the area</p> $\frac{1}{2}(3+9) \times 6$ $\frac{1}{2}(12) \times 6$ $6 \times 6 = 36 \text{ cm}^2$	
<p>Expand and simplify</p> $9(y+3) - 3(2y+5)$ $9y + 27 - 6y - 15$	$3y + 12$	

Name: _____

October 4	5-a-day	Higher
 <p>8cm</p>	<p>Calculate the area. Give your answer in terms of π</p> <p>$(\pi \times 8^2) \div 4$ $64\pi \div 4$ $16\pi \text{ cm}^2$</p>	
<p>Work out the LCM of 28 and 42</p> <p>$28 = 2 \times 2 \times 7$ $42 = 2 \times 3 \times 7$</p>	 <p>$2 \times 2 \times 7 \times 3$ $= 84$</p>	
<p>The population of a country is 64,000,000.</p> <p>Write this in standard form.</p> <p>6.4×10^7</p>	<p>Write 4056×10^3 in standard form.</p> <p>4.056×10^6</p>	
<p>Write down the Quadratic Formula</p> <p>$x = \frac{-b \pm \sqrt{b^2 - 4ac}}{2a}$</p>	<p>Shown is $f(x)$</p> 	
<p>Sketch $y = f(x) + 1$</p>		