


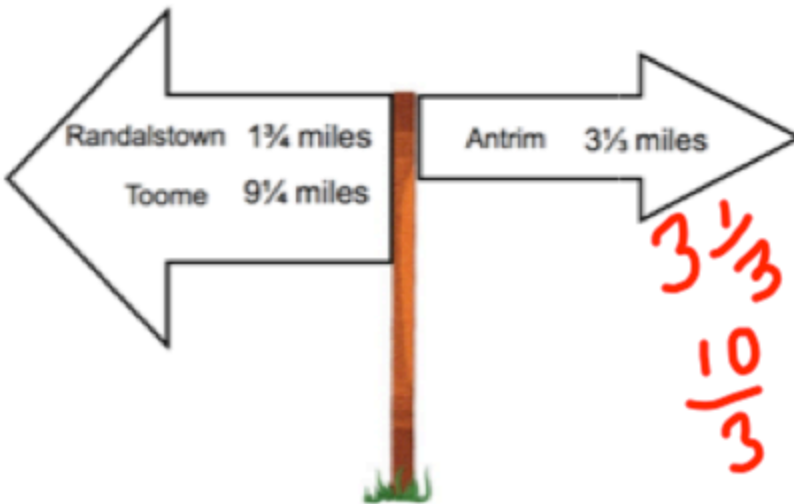
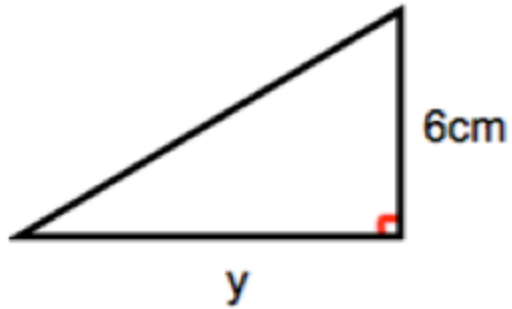
July 27th	5-a-day	Numeracy
$a + a + a + a + a$ 5a	$2a + 3a + a$ 6a	
 82p	A red apple cost 27p A green apple cost 28p What is the total cost for two red apples and one green apple?	
10% of 60 = <u>6</u> 10% of <u>40</u> = 4		
Arrange in order: 3.4 3 3.331 3.5 3.42 from smallest to largest 3, 3.331, 3.4, 3.42, 3.5		
Work out 247×36 8892		

July 27 5-a-day Foundation

The area of a triangle is 30cm^2

Find y

10cm



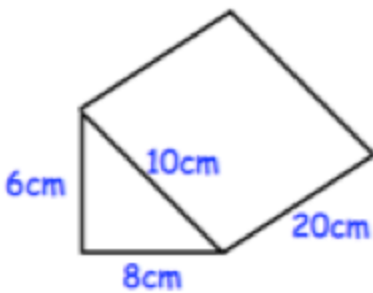
$$3\frac{1}{3} + 9\frac{1}{4}$$

$$\frac{10}{3} + \frac{37}{4}$$

Work out the distance from Antrim to Toome.

$$\frac{40}{12} + \frac{111}{12} = \frac{151}{12}$$

$12\frac{7}{12}$ miles.



Calculate the volume



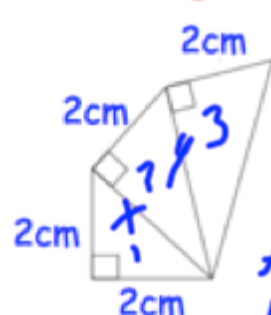
$$\frac{1}{2}(8 \times 6) = 24\text{cm}^2$$

$$24 \times 20 = 480\text{cm}^3$$

Age	Frequency	$f \times x$
5	1	5
6	7	42
7	2	14

Calculate the mean

$$61 \div 10 = 6.1$$

July 27	5-a-day	Higher
<p>Make m the subject</p> $s = \frac{hm}{4}$	$4s = hm$ $m = \frac{4s}{h}$	
<p>Solve $2x^2 - 5x - 1 = 0$ using the quadratic formula.</p> <p>$a=2$ $b=-5$ $c=-1$</p> $x = \frac{-b \pm \sqrt{b^2 - 4ac}}{2a}$	$\frac{5 \pm \sqrt{25 + 8}}{4} = \frac{5 \pm \sqrt{33}}{4}$ $x = \frac{5 + \sqrt{33}}{4} \text{ or } x = \frac{5 - \sqrt{33}}{4}$ $x = 2.69 \text{ or } x = -0.186$	
 <p>$3x - 1 = x + 9$</p> <p>$2x = 10$</p> <p>$x = 5$</p>	<p>Find x.</p> $x = 5$	
<p>Find the perimeter.</p> $14 + 14 + 6 = 34$	<p>Find the area.</p> $x^2 + 3^2 = 14^2$ $x = 13.675$  $\text{Area} = \frac{1}{2}(6 \times 13.675) = 41.02 \text{ cm}^2$	
 <p>$x = \sqrt{8}$</p> <p>$y = \sqrt{12}$</p> <p>Area 1 = 2 cm^2</p> <p>Area 2 = $\sqrt{8} \text{ cm}^2$</p>	<p>A logo is formed from 3 smaller triangles.</p> <p>What is the area of the logo?</p> <p>Area 3 = $\sqrt{12} \text{ cm}^2$</p> <p>Area = 8.20 cm^2</p>	