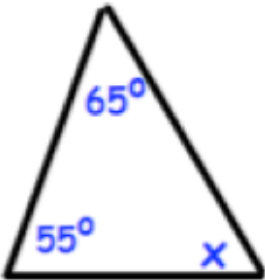
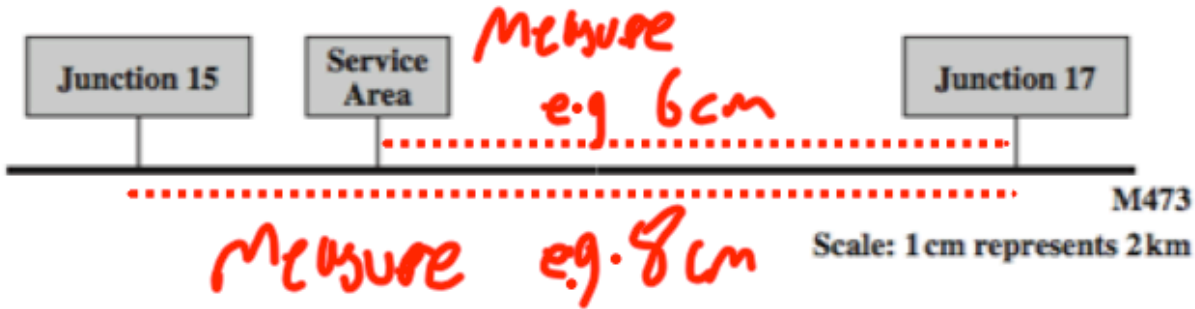


June 27th		5-a-day		Numeracy
200 ml	60 litres	50 ml	6 litres	600 litres
Arrange in order from smallest to largest. 50 ml 200 ml 6 L 60 L 600 L				
		Find x 60°		
Find the value of $2x + 3$ When $x = 10$ 23		Find the value of $10 - 2x$ When $x = 4$ 2		
				
Work out the real distance between Junction 15 and Junction 17 $8 \times 2 = 16 \text{ km}$ for example.		Work out the real distance between the Service Area and Junction 17 $6 \times 2 = 12 \text{ km}$ for example.		

June 27

5-a-day

Foundation

Number	1	2	3	4	5
Probability	0.2	0.25	0.3	0.05	0.2

A spinner has 5 sections labelled 1, 2, 3, 4 and 5.
Work out the missing probability

$$0.2 + 0.25 + 0.3 + 0.05 + 0.2 = 0.8$$

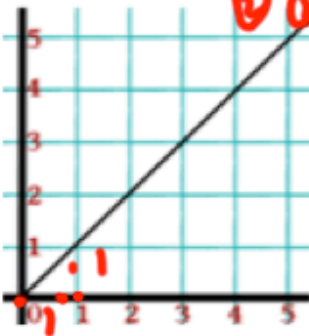
$$1 - 0.8 = 0.2$$

Write 80 as a product of primes.



$$2 \times 2 \times 2 \times 2 \times 5$$

$$2^4 \times 5$$



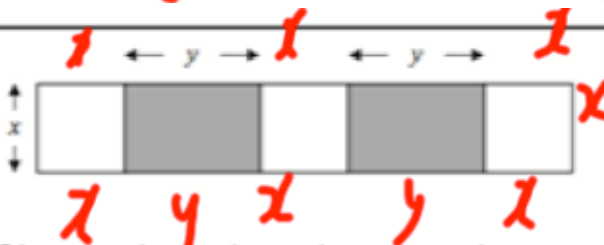
What is the gradient of the line?

1

Solve $4y - 3 > 21$

$$4y > 24$$

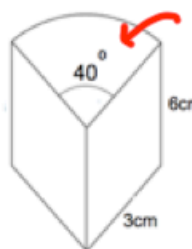
$$y > 6$$

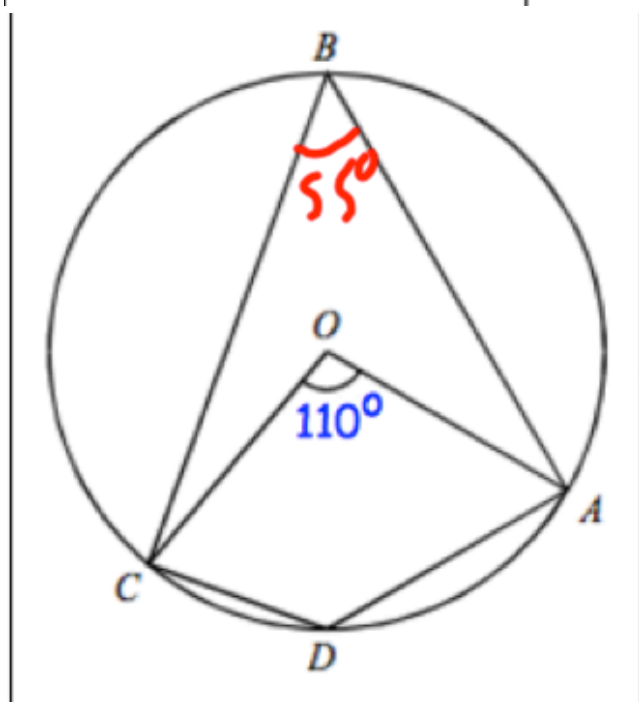


Shown above is a shape made up of 3 squares and 2 rectangles.

Write an expression for the perimeter

$$8x + 4y$$

June 27	5-a-day	Higher
<p>Write three thousandths in standard form.</p> <p>0.003 3×10^{-3}</p>	<p>Write 34000000 in standard form.</p> <p>3.4×10^7</p>	
<p>How much longer does it take to travel 100 miles at 60mph than 70mph?</p> <p>Give your answer in minutes and seconds.</p> <p>$t = d \div s$</p>	<p>$100 \div 60 = 1.6$ 1 hour 40 min.</p> <p>$100 \div 70 = 1.428571...$ 1 hour 25 min → 43 secs.</p>	<p>14 minutes 17 seconds</p>
 <p>Area $\frac{40}{360} \times \pi \times 6^2$ $\pi \text{ cm}^2$</p>	<p>Calculate the volume of the prism.</p> <p>$\pi \times 6 = 6\pi \text{ cm}^3$ or 18.85 cm^3</p>	



<p>Find angle ABC.</p> <p>55°</p>
<p>Find angle ADC</p> <p>$180 - 55$ 125°</p>