

May 20th	5-a-day	Numeracy
<p>Write the value of the 5 in the number</p> <p>589</p> <p style="color: red; font-size: 2em;">500</p>		
<p>List the first 5 multiples of four</p> <p style="color: red; font-size: 1.5em;">4 8 12 16 20</p> <p>List the first 5 multiples of three</p> <p style="color: red; font-size: 1.5em;">3 6 9 12 15</p>	<p>Write down two common multiples of 3 and 4.</p> <p style="color: red; font-size: 1.5em;">12 24</p>	
<p>Find the value of $2x - 4$</p> <p>When $x = 10$</p> <p style="color: red; font-size: 2em;">16</p>	<p>Find the value of $10 - 2x$</p> <p>When $x = 3$</p> <p style="color: red; font-size: 2em;">4</p>	
<p>Solve</p> <p>$\frac{x}{4} = 11$</p> <p style="color: red; font-size: 1.5em;">$x = 44$</p>	<p>Solve</p> <p>$4x + 2 = 22$</p> <p style="color: red; font-size: 1.5em;">$x = 5$</p>	
<p>Write $\frac{7}{8}$ as a decimal.</p> <p style="color: red; font-size: 1.5em;">0.875</p>	<p>Write 70 out of 200 as a percentage.</p> <p style="color: red; font-size: 1.5em;">35%</p>	

Which is smaller?

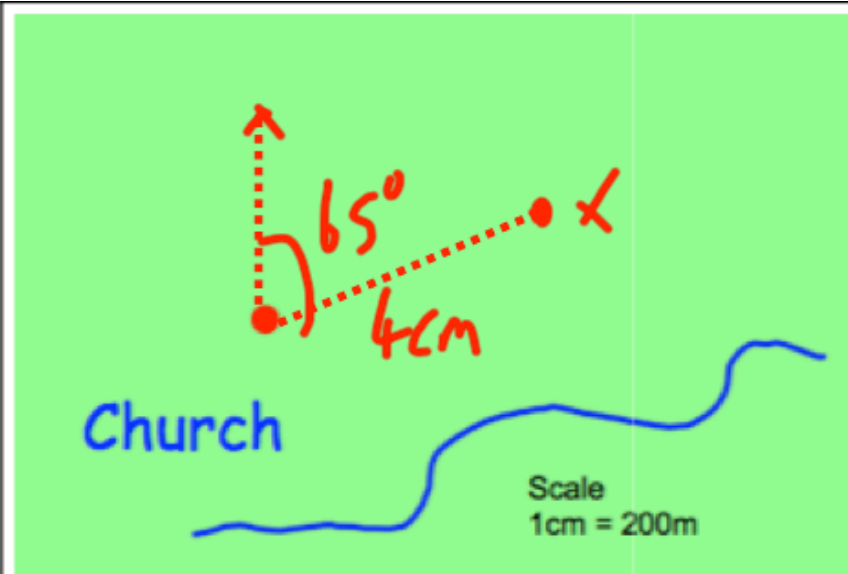
$$\frac{8}{9} \quad \frac{9}{10}$$

$$\frac{80}{90} \quad \frac{81}{90}$$

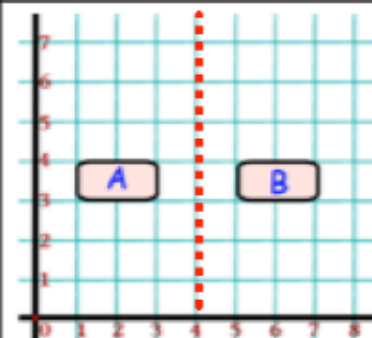
Write 28 as a product of primes.
Give your answer in index form.

$$2 \times 2 \times 7$$

$$2^2 \times 7$$

A house is 800m from the church. The bearing of the house from the church is 065°

Mark with a X the position of the house.



B is a reflection of A.

What is the equation of the mirror line?

$$x = 4$$

May 20

5-a-day

Higher

Expand $5y^2(y + 5)$

$$5y^3 + 25y^2$$

Write 39 million in standard form.

$$3.9 \times 10^7$$

39000000

$$81^{-\frac{3}{4}}$$

$$\frac{1}{27}$$

$$125^{\frac{2}{3}}$$

$$25$$

$$\sqrt{20} + \sqrt{45}$$

$$\sqrt{4} \times \sqrt{5} + \sqrt{9} \times \sqrt{5}$$

$$2\sqrt{5} + 3\sqrt{5}$$

$$= 5\sqrt{5}$$

Make w the subject

$$g = \frac{w}{w-5}$$

$$g(w-5) = w$$

$$gw - 5g = w$$

$$gw - w = 5g$$

$$w(g-1) = 5g$$

$$w = \frac{5g}{g-1}$$