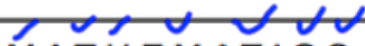



April 1st	5-a-day	Numeracy
Write an algebraic expression that says: 4 more than x $x + 4$	7 less than c $c - 7$	
3 multiplied by y $3y$	m divided by 3 $\frac{m}{3}$	
Simplify 3 x 5w $15w$	Simplify 3w x 5a $15aw$	
Simplify a + a + a + a + a $5a$	Simplify 4m + 6p - 2m + 4p $2m + 10p$	
<div style="text-align: center;">  <p>MATHEMATICS</p> <p>.....</p> </div> what is the probability of selecting a M? $\frac{2}{11}$	What is the probability of <u>not</u> selecting a vowel? $\frac{7}{11}$	

April 1st	5-a-day	Foundation
$\frac{3}{4} \times \frac{3}{7}$	$\frac{9}{28}$	
Factorise $8xy - 9x$	$x(8y - 9)$	
Simplify $9r - 4s - 6r + s$	$3r - 3s$	
Write 44 as a product of primes $2 \times 2 \times 11$ $2^2 \times 11$		
Bernie, Cara and Don share money in the ratio 5:2:7 <u>Bernie has £15.</u>	How much do they have in total? Cara $3 \times 2 = £6$ Don $3 \times 7 = £21$ $15 + 6 + 21 = £42$	

April 1st

5-a-day

Higher

Write 300,000 in standard form

$$3 \times 10^5$$

Use the quadratic formula to solve

$$2x^2 + 4x - 3 = 0$$

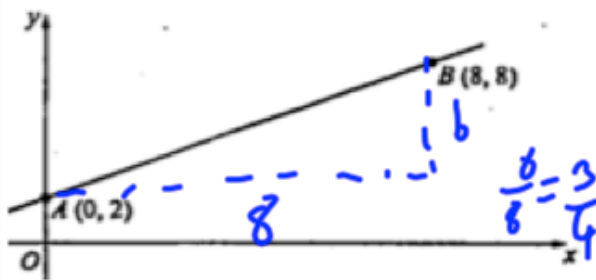
give both answers to 1 decimal place.

$$\frac{-b \pm \sqrt{b^2 - 4ac}}{2a}$$

$$\frac{-4 \pm \sqrt{16 - (4 \times 2 \times -3)}}{4}$$

$$\frac{-4 \pm \sqrt{40}}{4}$$

$$x = 0.6 \text{ or } x = -2.6$$



Work out the equation of this line.

$$y = \frac{3}{4}x + 2$$

Calculate the distance from A to B

$$a^2 + b^2 = c^2$$

$$36 + 64 = 100$$

$$\sqrt{100} = 10$$

A line is perpendicular to AB and passes through (0,5)

$$m = -\frac{4}{3}$$

$$y = -\frac{4}{3}x + 5$$