June 8th	5-a-day	Numeracy
2 x 9 18 5 x 6 30	6 x 6 36 7 x 8 56	
Write in digits, the number Five million and four 5,000,004		
-5 + 5 = 0 -1 + 4 = 3	5 4 2 -1 -5 Use the cards above to complete the sums.	
Adult tickets for a concert cost £15 each. What is the cost of 40 adult tickets?	40 × 15 £600	
Children tickets are half price. → Find the cost of four adult tickets and three child tickets. 4 × 15 = £60	£7.50 3 × £7.50 = £22.50 £82.50	

June 8	5-a-day	Foundation

Simplify

$4h - 2r + 3h + 7r$

$7h + 5r$

Write 28 as a product of primes.

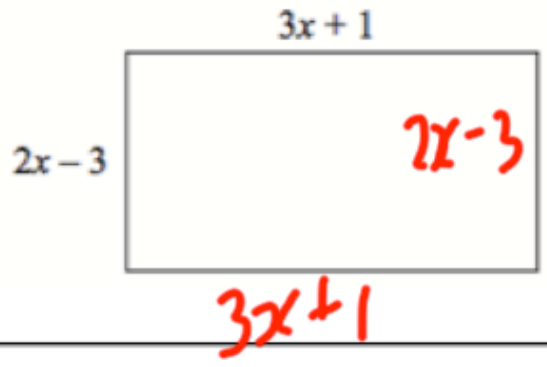
$2 \times 2 \times 7$

$2^2 \times 7$

28

4 × 7

2 × 2



The perimeter is 75cm.

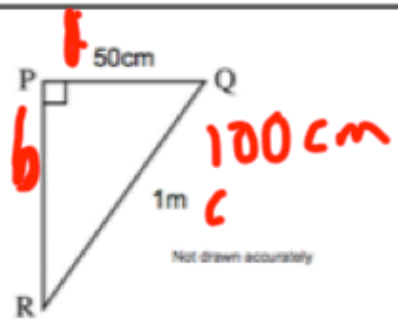
Find x. $10x - 4 = 75$

$10x = 79$

$x = 7.9$

$\frac{5}{8} \div \frac{3}{4}$

$\frac{5}{8} \times \frac{4}{3} = \frac{20}{24} = \frac{10}{12} = \frac{5}{6}$



Calculate the perimeter of PQR to the nearest centimetre.

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

$50^2 + b^2 = 100^2$

$b^2 = 7500$ $b = 86.6$

100 + 86.6 + 50

= 236.6cm

237

June 8	5-a-day	Higher
14 17 20 23 ... ... 3 6 9 n Work out the nth term and 100th term 3n+11		311
Factorise fully 6mp + 12my		6m(p + 2y)
Evaluate $16^{-\frac{1}{2}}$ $\frac{1}{4}$		Work out 25^{0} 1
Write $x^2 + 10x - 4$ in the form $(x + a)^2 + b$, where a and b are integers to be found.		$(x+5)^2-25-4$ $(x+5)^2-29$
There are 10 red, 6 blue and 4 white sweets in a bag. John picks two at random. What is the probability he selects two red sweets?		$P(RR) = \frac{10}{20} \times \frac{9}{19} = \frac{9}{38}$