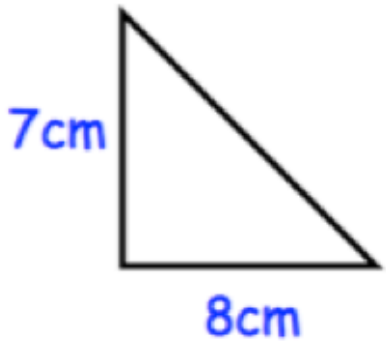
May 29th	5-a-day	Numeracy

2 4 7 □ 13 3 9 6 □ 18 9 7 5 □ 21 □ □ □ 14 20 18	Find the row and column sums for this grid.
A holiday normally costs £700. A sign says $\frac{1}{5}$ off $5\overline{)700}$ = 140	What is the new cost? 700 − 140 = 560 £560
5 x 4y 20y	4x + 5x + 2y + 6y 9x + 8y
 	Calculate the area $\frac{1}{2}(8) \times 7$ 4 × 7 = 28cm²
Write down the cube root of 64 $\sqrt[3]{64} = 4$	

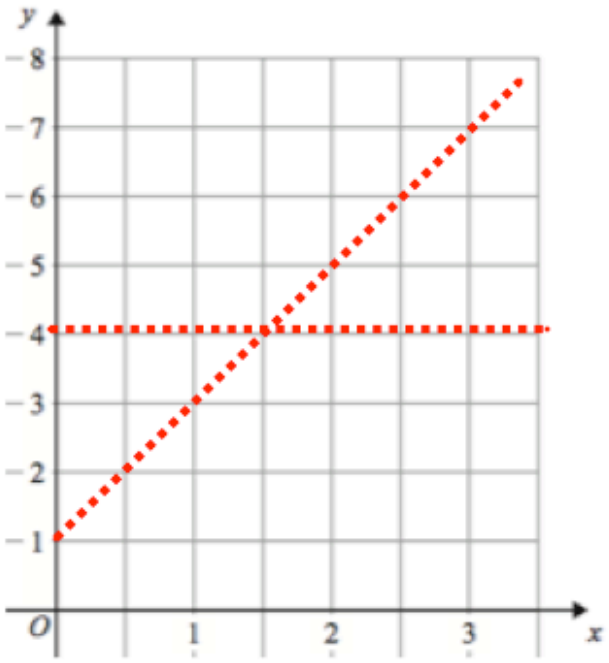
May 29th	5-a-day	Foundation

$0.1 \times \square = 50$

500

$5 \div \square = 50$

0.1



Draw the graph y = 2x + 1

x	0	1	2
y	1	3	5

Draw the graph y = 4

Solve

$7r + 2 = 5(r - 4)$

$7r + 2 = 5r - 20$

$2r + 2 = -20$

$2r + 2 = -20$

$-2 \quad -2$

$2r = -22$

$r = -11$

Make w the subject

$3w + c = a$

$-c \quad -c$

$3w = a - c$

$w = \frac{a - c}{3}$

May 29	5-a-day	Higher
Three waiters share £240 in tips in the ratio of days worked that week. Martin worked 1 day, Joan 2 days and Harry 3 days. How much do they each receive?	1+2+3 = 6 240 ÷ 6 = £40 Martin = £40 Joan = £80 Harry £120	
George weighed 95kg last year. He now weighs 85kg. Calculate the percentage decrease in his weight.	$\frac{10}{95} \times 100$ = 10.53%	
The population of a country is 4,150,000. Write this in standard form.	4.15×10^{6}	
On Wednesday Dave picked 36 strawberries. This is 20% more than the number picked on Tuesday.	How many did Dave pick on Tuesday? 120% = 36 1% = 0.3 100% = 30	
A field is 40m in width and 80m in length. The width is to the nearest metre. The length is to the nearest 10 metres Find the maximum area.	40.5×85 $= 3442.5\ m^2$	