


22nd June	
$1\frac{4}{7} \div 2\frac{3}{4}$	 Corbettmaths $\frac{11}{7} \div \frac{11}{4}$ $\frac{11}{7} \times \frac{4}{11} = \frac{44}{77} = \frac{4}{7}$
Solve $2(x+5) = 7 - 4x$	$2x+10 = 7-4x$ $6x = -3$ $x = -0.5$
What is the sum of the interior angles of a 20-sided polygon? 3240	$\frac{360}{20} = 18^\circ$ exterior angle $180 - 18 = 162$ $162 \times 20 = 3240$
A fish tank sprung a leak and loses 45% of its water. There is now 363 litres of water in the fish tank. How much water was in the fish tank before the leak?	$x \times 0.55 = 363$ $363 \div 0.55 = 660$ litres
The cost of buying a coffee and a tea in a cafe is £4 The cost of buying a coffee and three teas in a cafe is £7 Work out the cost of buying a coffee and the cost of buying a tea.	$C + T = 4$ $C + 3T = 7$ $2T = 3$ $T = 1.50$ $C + 1.5 = 4$ $C = 2.5$ Coffee = £2.50 Tea = £1.50