

Question	Answer	Mark	Mark scheme	Additional guidance
19 (a)	45, 27	P1	<p>for a start to the process, eg $2 \text{ (shares)} = 18$ or $18 \div 2 (= 9)$ or $5x - 3x = 18$ oe</p> <p>or</p> <p>for a process to use a build up method by giving at least 2 further equivalent ratios, eg $5 \times 2 : 3 \times 2 (= 10 : 6)$ and $5 \times 3 : 3 \times 3 (= 15 : 9)$</p>	One correct number eg 45 or 27 implies P1
(b)	390	A1	<p>for 45, 27 (in either order)</p>	Allow -45, -27
		P1	<p>for a start to the process, eg $7 \text{ (shares)} = 210$ or $210 \div 7 (= 30)$ or $7x = 210$ oe</p> <p>or</p> <p>for start of process to find the sum of the numbers, eg $4 + 7 + 2 (= 13)$</p> <p>or</p> <p>for a process to use a build up method by giving at least 2 further equivalent ratios, eg $4 \times 2 : 7 \times 2 : 2 \times 2 (= 8 : 14 : 4)$ and $4 \times 10 : 7 \times 10 : 2 \times 10 (= 40 : 70 : 20)$</p>	
		P1	<p>for process to find the value of the other two numbers, eg $4 \times \text{“}30\text{”} (= 120)$ and $2 \times \text{“}30\text{”} (= 60)$</p> <p>or</p> <p>for eg $210 \div 7 (= 30)$ and $4 + 7 + 2 (= 13)$</p>	May be written in a ratio eg $120 : (210 :) 60$
		A1	cao	