

27	2 : 15	<p>P1 for a start to the process to combine ratios by finding a common multiple for B, eg $2 \times 2 : 3 \times 2 (= 4 : 6)$ and $2 \times 3 : 5 \times 3 (= 6 : 15)$ or finding a common multiple for D, eg $2 \times 5 : 1 \times 5 (= 10 : 5)$ or combining two ratios by working in fractions eg $\left(\frac{A}{B} \times \frac{B}{D} =\right) \frac{2}{3} \times \frac{2}{5} \left(= \frac{4}{15}\right)$ or $\left(\frac{B}{D} \times \frac{D}{C} =\right) \frac{2}{5} \times \frac{1}{2} \left(= \frac{2}{10}\right)$</p> <p>P1 for process to write a ratio for A : B : C : D eg, $2 \times 2 : 3 \times 2 : 2 \times 15 : 5 \times 3$ or $2 \times 2 : 2 \times 3 : 10 \times 3 : 5 \times 3$ or $4 : 6 : 30 : 15$ oe or for process to find common multiples for B and D eg $4 : 6$ and $6 : 15$ and $30 : 15$ or for combining three ratios by working in fractions to find $\frac{A}{C}$ or $\frac{C}{A}$ eg $\left(\frac{A}{B} \times \frac{B}{D} \times \frac{D}{C} =\right) \frac{2}{3} \times \frac{2}{5} \times \frac{1}{2} \left(= \frac{4}{30}\right)$</p> <p>A1 oe</p>	<p>Implied by A : B : D is 4 : 6 : 15</p> <p>Implied by B : C : D is 2 : 10 : 5</p>
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