

TAKE 5 ... FRACTION OF AN AMOUNT

Q1.

5MB2F 01 November 2015				
Question	Working	Answer	Mark	Notes
		80	3	M1 for $120 \div 3 (=40)$ M1 for $120 - "40"$ A1 cao OR M1 for $120 \div 3 (=40)$ M1 for $"40" \times 2$ A1 cao

Q2.

	Working	Answer	Mark	Notes
		490	4	M1 for $\frac{1}{10} \times 700 (= 70)$ M1 for $\frac{1}{5} \times 700 (= 140)$ M1 (dep on M1) for $700 - ("70" + "140")$ A1 cao OR M1 for $\frac{1}{10} + \frac{1}{5}$ or $\frac{3}{10}$ oe M1 for $1 - \frac{3}{10}$ or $\frac{7}{10}$ or $\frac{3}{10} \times 700$ or 210 M1 (dep on M1) for $"\frac{7}{10}" \times 700$ or $700 - "210"$ A1 cao

Q3.

Paper 1MA1: 3F				
Question	Working	Answer		Notes
		1230	P1	for start to process eg. $6760 - 3879 - 1241 (= 1640)$
			P1	for use of fraction eg. $"1640" \div 4$ or
				$1 - \frac{1}{4} \left(= \frac{3}{4} \right)$
			A1	

Q4.

PAPER: IMA0_2F				
Question	Working	Answer	Mark	Notes
		36	4	M1 for $\frac{3}{5} \times 240 (= 144)$ M1 for $\frac{1}{4} \times 240 (= 60)$ M1 (dep on M2) for $240 - ('144' + '60')$ A1 cao OR M1 for $\frac{3}{5} + \frac{1}{4}$ or $\frac{17}{20}$ oe M1 for $1 - \frac{17}{20}$ ($= \frac{3}{20}$) or $\frac{17}{20} \times 240 (= 204)$ M1 (dep on M2) for $\frac{3}{20} \times 240$ or $240 - '204'$ A1 cao

Q5.

Question	Working	Answer	Mark	Notes
	$0.65 \times 80 = 52$ $\frac{5}{8} \times 80 = 50$ $\frac{5}{8} = 0.625, 62.5\%$ $0.65 - 0.625 = 0.025$ 0.025×80	2	4	M1 for method to calculate the time Celina sings M1 for method to calculate the time Zoe sings M1 (dep on at least M1) for finding the difference between two times A1 cao Or M1 for a conversion to all decimals, fractions or percentages M1 for finding their difference in their chosen system M1 (dep on at least M1) for using their proportional difference multiplied by 80 A1 cao