Converting Between Fractions, Decimals and Percentages

Past Paper Questions (MS)

Q1.

Question	Working	Answer	Notes
		$\dfrac{3}{40}$	M1 $\dfrac{75}{1000}$ oe A1

Q2.

Question	Working	Answer	Notes
		$\dfrac{19}{100}$	B1 cao

Q3.

Question	Working	Answer	Notes
		60	B1 cao

Q4.

	Working	Answer	Mark	Notes
(a)		$\frac{1}{10}$	1	B1 for $\frac{1}{10}$ or equivalent fraction
(b)		0.25	1	B1 for 0.25

Q5.

PAPER: 5MB3F_01				
Question	Working	Answer	Mark	Notes
(a)		0.75	1	B1 cao
(b)		$\dfrac{3}{10}$	1	B1 for $\dfrac{3}{10}$ oe fraction

Q6.

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Question	Working	Answer	Mark	Notes
(a)		0.25	1	B1 cao
(b)		$\frac{15}{100}$	1	B1 for $\frac{15}{100}$ oe
(c)		$\frac{17}{40}$	1	B1 for $\frac{17}{40}$ oe

Q7.

Question	Working	Answer	Mark	Notes
(a)		0.25	1	B1 cao
(b)		¾	1	B1 cao
(c)		9 squares shaded	1	B1 for any 9 squares shaded

Q8.

	Working	Answer	Mark	Notes
(a)		0.5	1	B1 cao
(b)		¾	1	B1 for ¾ oe eg $^{75}/_{100}$
(c)		$^{19}/_{30}$	1	B1 for $^{19}/_{30}$

Q9.

Question	Working	Answer	Mark	Notes
(a)		0.5	1	B1 cao
(b)		$\frac{3}{10}$	1	B1 for $\frac{3}{10}$ or equivalent fraction
(c)		80	1	B1 cao
(d)		57.6	1	B1 cao
(e)		$\frac{1}{3}$	2	M1 for writing over a single denominator eg $\frac{7-3}{12}$ or for $\frac{4}{12}$ A1 cao

Q10.

PAPER: 1MA0_2F				
Question	Working	Answer	Mark	Notes
(a)		0.7	1	B1
(b)		45	1	B1 cao
(c)		$\frac{3}{10}$	2	M1 for $\frac{30}{100}$ or equivalent fraction A1 cao
(d)		2.74	1	B1 cao

Q11.

	Working	Answer	Mark	Notes
(a)		$^7/_{10}$	1	B1 for $^7/_{10}$ oe
(b)		30	1	B1 cao
(c)		$^2/_3$	1	B1 cao

Q12.

Paper 1MA1: 1F			
Question	Working	Answer	Notes
		$\frac{37}{1000}$	B1

Q13.

Paper 1MA1: 2F			
Question	Working	Answer	Notes
		$\frac{21}{100}$	B1

Q14.

Paper 1MA1: 2F			
Question	Working	Answer	Notes
		0.4375	B1 cao

Q15.

Question	Working	Answer	Mark	Notes
		0.07	B1	cao

Q16.

Question	Working	Answer	Mark	Notes
		80	B1	cao

Q17.

Question	Working	Answer	Mark	Notes
		70	B1	cao

Q18.

Question		Working	Answer	Mark	Notes
			35	1	B1 cao

Q19.

Question	Answer	Mark	Mark scheme	Additional guidance
	8	B1	cao	

Q20.

Question		Working	Answer	Mark	Notes
	(a)		0.25	1	B1 cao
	(b)		$\frac{7}{10}$	1	B1 for $\frac{7}{10}$ oe
	(c)		$\frac{21}{25}$	2	M1 for $\frac{42}{50}$ oe A1 cao
	(d)		50	1	B1 cao