

Name

Jun 03 Q17

17 (a) Work out $2\frac{4}{5} + 3\frac{2}{3}$

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Answer (3 marks)

Nov 03 Q20

20 Find the value of $4\frac{2}{3} - 2\frac{3}{4}$

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Answer (3 marks)

(d) $4\frac{2}{3} + 1\frac{3}{5}$

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Answer (3 marks)

(b) Work out $4\frac{1}{3} - 1\frac{2}{5}$

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Answer (3 marks)

(e) Work out $2\frac{1}{3} + 3\frac{7}{8}$

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Answer (3 marks)

Jun 03 Q17

17(a)	$(5) \frac{12}{15} (+) \frac{10}{15}$	M1	$\frac{14}{5} (+) \frac{11}{3}$ or $2.8 (+) 3.\dot{6}$ or $3.6\dot{6}$ or 3.667
	$= 5 \frac{22}{15}$	A1 ft	$\frac{42}{15} (+) \frac{55}{15}$
	$= 6 \frac{7}{15}$	A1	$\frac{97}{15}$ oe or 6.467 or $6.46\dot{6}$

Nov 03 Q20

20	$2 \frac{2}{3} - \frac{3}{4}$	M1	AND either $\frac{32}{12}$ or $\frac{9}{12}$
	$= \frac{32}{12} - \frac{9}{12}$	A1	Or $\frac{14}{3} - \frac{11}{4}$
	$= \frac{23}{12}$ or $1 \frac{11}{12}$	A1	Or $\frac{56}{12} - \frac{33}{12}$
			$2 - \frac{1}{12}$
			Or $2 \frac{8-9}{12}$ M1
			$2 - \frac{1}{12}$ A1
			$1 \frac{11}{12}$ A1
			SC1 $2 \frac{1}{12}$

Mar 04 Q13

(d)	$5 \frac{10+9}{15}$	M1	Or $\frac{14}{3} + \frac{8}{5}$ M1
	$= 5 \frac{19}{15}$	M1	(allow 1 error in 14 or 8)
	$= 6 \frac{4}{15}$	A1	Or $1.6, 4.66, 4.67, 4.6$
			$= \frac{70}{15} + \frac{24}{15}$ M1 ft
			$= \frac{94}{15}$ A1 Accept $6.2\dot{6}$
			SC1 $\frac{19}{15}$

Jun 04 Q16

(b)	$\frac{13}{3} - \frac{7}{5}$	M1	Allow one error in 13 or 7
	$= \frac{65}{15} - \frac{21}{15}$	M1	Allow one error in 65 or 21
	$= \frac{44}{15}$ or $2\frac{14}{15}$	A1	Accept either
			or $3\frac{1}{3} - \frac{2}{5}$ oe $= (3)\frac{5}{15} (-)\frac{6}{15}$ or $(4)\frac{5}{15} (-)(1)\frac{6}{15}$ M1 $= 3\frac{-1}{15}$ M1 $= 2\frac{14}{15}$ A1 SC1 $3\frac{1}{15}$ 4.33... - 1.4 M1

Mar 05 Q14

(e)	$5\frac{8}{24} + \frac{21}{24}$	M1	or $\frac{7}{3} + \frac{31}{8}$ (accept 1 error)
	$= 5\frac{29}{24}$	M1	$= \frac{56}{24} + \frac{93}{24}$ (accept 1 error in total) SC1 $\frac{29}{24}$ oe
	$6\frac{5}{24}$	A1	$\frac{149}{24}$ oe