

Name

Mar 03 Q14

14 Find an approximate value of $\frac{421 \times 2.9}{0.197}$

You **must** show all your working.

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Answer (3 marks)

Jun 03 Q13

13 Asif has a roll of film developed.
He pays for 31 reprints.
The cost of each reprint is 49 pence.

Use suitable approximations to **estimate** how much Asif pays for these reprints.
You **must** show all your working.

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Answer £ (3 marks)

14 Estimate the value of 198×40.3

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Answer (2 marks)

16 (a) Estimate the value of $\frac{407 \times 2.91}{0.611}$

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Answer (3 marks)

15 (a) Find an approximate value of $\frac{296 \times 8.13}{0.39}$

You **must** show all your working.

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Answer (3 marks)

Mar 03 Q14

14	$\frac{400 \times 3}{0.2}$ or $\frac{420 \times 3}{0.2}$	M1	Two numbers correctly rounded Accept $\frac{400 \times 30}{2}$
	$= \frac{1200}{0.2}$ or $\frac{1260}{0.2}$	A1	
	$= 6000$ or 6300	A1	

Jun 03 Q13

13	$30 \times 50p$	M1	Accept 30×49 or 31×50
	$= 1500p$	A1	1470 or 1550
	$= \text{£}15$	A1	£14.70 or £15.50

Nov 03 Q14

14	200×40	M1	M1 for 200 or 40
	$= 8000$	A1	Accept 8060

Mar 04 Q16

16(a)	$\frac{400 \times 3}{0.6}$	M1	Any 2 correct Accept $\frac{410 \times 3}{0.6}$
	$= \frac{1200}{0.6}$	M1	Accept 1200 on its own or $\frac{1230}{0.6}$
	$= 2000$	A1	Accept 2050 SC1 2400

Jun 04 Q15

15(a)	$\frac{300 \times 8}{0.4}$	B1	At least 2 correct
	$= \frac{2400}{0.4}$	B1	Needs both terms correct
	$= 6000$	B1	Accept $\frac{300 \times 10}{0.5} = 6000$ B3