

Reverse Percentages

November 2024 Paper 2

Question	Answer	Mark	Mark scheme	Additional guidance
17 (a)	265.05	M1	for $285 \times (7 \div 100) (= 19.95)$ oe or $(100 - 7) \div 100 (= 0.93)$	Accept £265.05p
		M1	for $285 - "19.95"$ or $285 \times "0.93"$ oe	
		A1	cao	
(b)	8000	P1	for start of process, eg $2100 - 1700 (= 400)$	
		P1	for using "400" = 5%, eg (1% =) "400" $\div 5 (= 80)$ or (10% =) "400" $\times 2 (= 800)$ or (50% =) "400" $\times 10 (= 4000)$ or "400" $\div 5 \times 100$	
		A1	cao	

June 2020 Paper 3

Question	Answer	Mark	Mark scheme	Additional guidance
19 (a)	140	M1	for complete method eg $56 \div 40 \times 100$	May be seen in different ways, eg 2.5×56
		A1	cao	
(b)	32	M1	for method to find percentage, eg $\frac{18}{56} \times 100 (=32.14\dots)$	
		A1	for an answer in the range 32 to 32.2	

June 2023 Paper 1

Question	Answer	Mark	Mark scheme	Additional guidance
26	1200	M1 A1	for a fully correct method, eg $240 \div 0.2$ or 240×5 oe cao SC B1 for an answer of 960 or 1440 if M0 scored	

November 2022 Paper 2

Question	Answer	Mark	Mark scheme	Additional guidance
26	152000	M1	for a complete method eg $165680 \div 109 \times 100$ or $165680 \div 1.09$ oe	
		A1	cao	

June 2024 Paper 1

Question	Answer	Mark	Mark scheme	Additional guidance
27	400	M1 A1	for $280 \div 0.7$ oe cao	

November 2021 Paper 2

Question	Answer	Mark	Mark scheme	Additional guidance
28	320 000	M1 A1	for a complete method eg $272\ 000 \div \left(\frac{100-15}{100}\right)$ cao	

June 2022 Paper 3

Question	Answer	Mark	Mark scheme	Additional guidance
30	16 000	M1 A1	for $13600 \div 0.85 (= 16000)$ oe cao	