Fractions, Decimals & Percentages: Medium Practice Paper 5 Answers

Q#	Answer	Explanation
1	D	Change 1/3 into twelfths: 1/3 = 4/12. Then 5/12 + 4/12 = 9/12, which simplifies to 3/4.
2	D	10% of 350 is 35, so 20% is 70. 1% is 3.5, so 2% is 7. 70 + 7 = 77.
3	C	0.45 is 45/100. Dividing top and bottom by 5 gives 9/20.
4	C	First find 1/9 of 81: 81 ÷ 9 = 9. Then multiply by 7: 9 × 7 = 63.
5	D	25% of £96 is £96 ÷ 4 = £24. Reducing gives £96 − £24 = £72.
6	B	3 fifths shared into 3 equal parts gives 1 fifth each, so the answer is 1/5.
7	B	0.02 means 2 hundredths, which is 2/100. Dividing top and bottom by 2 gives 1/50.
8	C	35 × 4 = 140. There is one decimal place in each number, so the answer has two decimal places: 1.40, which is 1.4.
9	C	10% of 480 is 48, so 30% is 144. 5% is half of 48, which is 24. 144 + 24 = 168.
10	D	Multiply top and bottom by 5 to make hundredths: 13/20 = 65/100 = 65%.
11	A	As decimals: 29% = 0.29, 0.3, 0.31, 1/3 ≈ 0.333 and 0.33. The smallest is 0.29, which is 29%.
12	C	There are 5 fifths in each whole, so 4 wholes make 20 fifths. Adding the extra 2 fifths gives 22/5.
13	D	75% is 3/4, so 45 is three quarters of the number. One quarter is 45 ÷ 3 = 15, so the whole number is 15 × 4 = 60.
14	D	This asks how many lots of 0.3 fit into 1.2. Multiplying both numbers by 10 gives 12 ÷ 3 = 4.
15	C	£2 is 200p, so the fraction is 50/200. Dividing top and bottom by 50 gives 1/4.

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