Fractions, Decimals & Percentages: Easy Practice Paper 2 Answers

Q#	Answer	Explanation
1	C	To find 1/4 of a number, divide it by 4. 32 ÷ 4 = 8.
2	D	3/5 is the same as 6/10 (multiply top and bottom by 2), and 6/10 = 0.6.
3	C	25% is the same as 1/4. 80 ÷ 4 = 20.
4	D	Multiply the top and bottom of 2/3 by 3: 2 × 3 = 6 and 3 × 3 = 9, giving 6/9.
5	C	To change a decimal into a percentage, multiply by 100. 0.25 × 100 = 25, so 0.25 = 25%.
6	A	0.05 and 0.055 both have 0 tenths, so they are the smallest two. Comparing hundredths, 0.05 has nothing after the 5 while 0.055 has an extra 5 thousandths, so 0.05 is the smallest.
7	B	Divide both numbers by 5: 10 ÷ 5 = 2 and 15 ÷ 5 = 3, giving 2/3.
8	C	9 tenths take away 4 tenths leaves 5 tenths, which is 0.5.
9	B	Half means divide by 2. 30 ÷ 2 = 15 girls.
10	D	The denominators are the same, so just add the numerators: 3 + 4 = 7, giving 7/10.
11	C	To find 10%, divide by 10. 45 ÷ 10 = 4.5.
12	E	Write them all as decimals: 1/4 = 0.25, 0.29, 0.3, 35% = 0.35 and 2/5 = 0.4. The largest is 0.4, which is 2/5.
13	C	There are 100p in £1, so 20p is 20/100. Dividing top and bottom by 20 gives 1/5.
14	C	Multiplying by 10 moves every digit one place to the left, so 0.6 becomes 6.
15	D	8 out of 10 is the same as 80 out of 100, because both parts are multiplied by 10. That is 80%.

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