

Rounding & Estimating: Medium Practice Paper 1 Answers

Q#	Answer	Explanation
1	B	To round to 1 decimal place, look at the 2nd decimal digit. The 2nd decimal digit is 7, which is 5 or more, so we round up. $3.47 \rightarrow 3.5$.
2	B	To round to 1 decimal place, look at the 2nd decimal digit. The 2nd decimal digit is 3, which is less than 5, so we round down. $8.63 \rightarrow 8.6$.
3	C	To round to 1 decimal place, look at the 2nd decimal digit. The 2nd decimal digit is 5, which is 5 or more, so we round up. $12.75 \rightarrow 12.8$.
4	C	To round to 2 decimal places, look at the 3rd decimal digit. The 3rd decimal digit is 9, which is 5 or more, so we round up. $5.349 \rightarrow 5.35$.
5	B	To round to 2 decimal places, look at the 3rd decimal digit. The 3rd decimal digit is 2, which is less than 5, so we round down. $0.862 \rightarrow 0.86$.
6	D	The 3rd decimal digit is 5, so we round up the 2nd decimal digit. The 2nd decimal digit is 9; rounding up gives 10, which carries over: $7.99 \rightarrow 8.00$.
7	C	To round 6.47 to 1 decimal place, look at the 2nd decimal digit (7). Since $7 \geq 5$, we round up. $6.47 \rightarrow 6.5$ cm.
8	A	To round to 2 decimal places, look at the 3rd decimal digit. The 3rd decimal digit is 4, which is less than 5, so we round down. $0.054 \rightarrow 0.05$.
9	D	To round 9.873 to 1 decimal place, look at the 2nd decimal digit (7). Since $7 \geq 5$, we round up. $9.873 \rightarrow 9.9$ seconds.
10	D	To round to 2 decimal places, look at the 3rd decimal digit. The 3rd decimal digit is 5, which is 5 or more, so we round up. $4.555 \rightarrow 4.56$.
11	B	6.29: the 2nd decimal digit is $9 \geq 5$, so it rounds up to 6.3. The others round to 6.2 (6.24) or 6.4 (6.35, 6.38, 6.43).

12	D	To round to 2 decimal places, look at the 3rd decimal digit. The 3rd decimal digit is 6, which is 5 or more, so we round up. $23.456 \rightarrow 23.46$.
13	C	To round to 2 decimal places, look at the 3rd decimal digit (6). Since $6 \geq 5$, we round up. $\pounds 12.356 \rightarrow \pounds 12.36$.
14	C	To round to 2 decimal places, look at the 3rd decimal digit (5). Since $5 \geq 5$, we round up the 2nd decimal digit. $1.005 \rightarrow 1.01$.
15	C	7.04: the 2nd decimal digit is $4 < 5$, so it rounds down to 7.0. The others round to 6.9 (6.93, 6.94) or 7.1 (7.05, 7.06).