

# Rounding & Estimating: Medium Practice

## Paper 5

Q1. Round 4.67 to 1 decimal place.

- A. 4.6      B. 4.67      C. 4.7      D. 4.8      E. 5.0

Q2. Round 52,300 to 2 significant figures.

- A. 50,000      B. 52,000      C. 52,300      D. 52,400      E. 53,000

Q3. Round 0.0463 to 1 significant figure.

- A. 0.04      B. 0.046      C. 0.0463      D. 0.05      E. 0.5

Q4. Estimate  $58 \times 41$  by rounding each number to the nearest 10.

- A. 2,000      B. 2,378      C. 2,400      D. 2,500      E. 3,000

Q5. Round 9.955 to 2 decimal places.

- A. 9.9      B. 9.95      C. 9.955      D. 9.96      E. 10.0

Q6. A number is rounded to the nearest 10 and gives 350. Which of these CANNOT be the original number?

- A. 345      B. 349      C. 350      D. 354      E. 355

Q7. Round 7.982 to 2 decimal places.

- A. 7.9      B. 7.98      C. 7.982      D. 7.99      E. 8.0

Q8. Estimate the cost of 4.8 kg of apples at £1.95 per kg by rounding each value to the nearest whole number.

- A. £8                      B. £9.36                      C. £9.50                      D. £10                      E. £12

Q9. Round 0.00561 to 2 significant figures.

- A. 0.005                      B. 0.0056                      C. 0.00561                      D. 0.0057                      E. 0.006

Q10. A rectangular garden is 18.6 m × 12.3 m. Estimate the area by rounding each measurement to the nearest whole number.

- A. 200                      B. 220                      C. 228                      D. 228.78                      E. 240

Q11. Which of these numbers rounds to 3,000 when rounded to 1 significant figure?

- A. 2,499                      B. 2,543                      C. 3,500                      D. 3,501                      E. 4,000

Q12. Round 8.505 to 2 decimal places.

- A. 8.5                      B. 8.505                      C. 8.51                      D. 8.55                      E. 8.6

Q13. Estimate  $0.48 \times 0.52$  by rounding each number to 1 significant figure.

- A. 0.2                      B. 0.24                      C. 0.2496                      D. 0.25                      E. 0.3

Q14. A number has been rounded to 2 decimal places to give 3.70. Which of these could NOT be the original number?

- A. 3.695                      B. 3.699                      C. 3.702                      D. 3.703                      E. 3.705

Q15. Estimate  $2.9^3$  by rounding 2.9 to the nearest whole number. ( $2.9^3$  means  $2.9 \times 2.9 \times 2.9$ )

- A. 21                      B. 24                      C. 24.389                      D. 27                      E. 30