

Rounding & Estimating: Medium Practice Paper 4

Q1. A runner's time is 12.347 seconds. Round this to 2 decimal places.

- A. 12.3 B. 12.34 C. 12.347 D. 12.35 E. 12.4

Q2. A number, when rounded to the nearest 100, gives 2,500. Which of these could be the original number?

- A. 2,449 B. 2,451 C. 2,550 D. 2,551 E. 2,600

Q3. A holiday costs £1,847.65. Round this to the nearest pound.

- A. £1,847 B. £1,847.65 C. £1,847.70 D. £1,848 E. £1,850

Q4. Estimate 42.8×5.1 by rounding each number to the nearest whole number.

- A. 200 B. 210 C. 215 D. 218.28 E. 220

Q5. A recipe needs 0.785 kg of flour. Round this to 2 decimal places.

- A. 0.7 B. 0.78 C. 0.785 D. 0.79 E. 0.8

Q6. Round 99.97 to 1 decimal place.

- A. 99.9 B. 99.97 C. 99.99 D. 100.0 E. 100.1

Q7. A car is sold for £23,499. Round this price to the nearest thousand pounds.

- A. £23,000 B. £23,400 C. £23,499 D. £23,500 E. £24,000

Q8. Estimate $\sqrt{99}$ by finding the nearest perfect square.

- A. 9 B. 9.5 C. 9.9 D. 10 E. 11

Q9. Estimate 346×8 by rounding 346 to the nearest 100.

- A. 2,400 B. 2,500 C. 2,768 D. 2,800 E. 3,200

Q10. A fish tank is 3.8 m long, 2.1 m wide and 1.9 m deep. Estimate its volume by rounding each measurement to the nearest whole number. (Volume = length \times width \times depth)

- A. 14 B. 15 C. 15.162 D. 16 E. 18

Q11. Round 0.099 to 2 decimal places.

- A. 0.09 B. 0.099 C. 0.10 D. 0.11 E. 0.99

Q12. A school fundraises £4,872. Round this to the nearest £100.

- A. £4,800 B. £4,870 C. £4,872 D. £4,900 E. £5,000

Q13. Estimate $19.6 \div 4.2$ by rounding each number to the nearest whole number.

- A. 4 B. 4.67 C. 5 D. 5.5 E. 6

Q14. A film is 98.7 minutes long. Round this to the nearest 10 minutes.

- A. 90 B. 98 C. 99 D. 100 E. 110

Q15. What is 2.449 rounded to 1 decimal place?

- A. 2.4 B. 2.44 C. 2.449 D. 2.45 E. 2.5