86. Rounding Numbers to an Appropriate Degree of Accuracy

Practice Questions

1. Round 47.86 to 1 decimal place.

2. Round 3054 to the nearest hundred.

3. Round 8.739 to 2 decimal places.

4. Approximate 9562 to the nearest thousand.

5. Round 14.498 to 1 decimal place.

6. Round 62,730 to the nearest thousand.

7. Estimate 27.4×4.9 by rounding to 1 significant figure.

8. Round 9.8765 to 3 decimal places.

9. Approximate 347,291 to the nearest ten thousand.

10. Round 4.3467 to 2 decimal places.

Scenario Questions

1. A car's speedometer reads 68.739 mph. Round this to 1 decimal place.

2. A baker weighs 3054 g of flour. Round this to the nearest 100 g.

3. A road is 13.478 km long. Round this to 1 decimal place.

4. A runner completes a marathon in 4.736 hours. Round this to 2 decimal places.

5. A house price is £278,912. Round this to the nearest thousand pounds.

6. A water tank holds 8765 litres. Round this to the nearest hundred litres.

7. A plane flies 13,829 km. Round this to the nearest thousand km.

8. A classroom contains 347,291 books. Round this to the nearest ten thousand.

9. A scientist measures a bacteria's length as 0.007938 mm. Round this to 3 decimal places.

10. A company made £19,746,381 in revenue. Round this to the nearest million.

86. Rounding Numbers to an Appropriate Degree of Accuracy

Practice Questions

1. 47.9
2. 3100
3. 8.74
4. 10,000
5. 14.5
6. 63,000
7. 150 (30×5)
8. 9.877
9. 350,000
10. 4.35

Scenario Questions

1. 68.7 mph
2. 3100 g
3. 13.5 km
4. 4.74 hours
5. £279,000
6. 8800 litres
7. 14,000 km
8. 350,000 books
9. 0.008 mm
10. £20,000,000