

Name:

Date:

Key Stage 2 Maths Practice Reasoning:
Rounding to Specific Degrees of Accuracy



Round the following numbers to 1 decimal place.

1. $0.23 =$

2. $0.79 =$

3. $3.25 =$

4. $9.205 =$

5. $14.672 =$

6. $24.535 =$

Round the following numbers to 2 decimal places.

7. $0.284 =$

8. $0.049 =$

9. $7.725 =$

10. $8.003 =$

11. $14.562 =$

12. $287.015 =$

13. A bicycle shop has a sale, and sells all its products with a 25% discount. Calculate the new prices of these items, rounding the answer to the nearest penny.

Item	Cost before 25% discount	Cost after 25% discount.
Adult bicycle	£209.50	
Child's bicycle	£87.37	
Cycle helmet	£32.95	

14. A scientist collects 1 litre of river water to test for pollution and finds the following levels of chemicals. Calculate the percentage of each pollutant to 2 decimal places.

Pollutant	Amount of pollutant in 1 litre	% of pollutant in 1 litre
Zinc	3.45ml	
Lead	5.82ml	
Copper	1.97ml	

Answer Sheet: Key Stage 2 Maths Practice Reasoning: Rounding to Specific Degrees of Accuracy



question	answer	notes
1	0.2	
2	0.8	
3	3.3	
4	9.2	
5	14.7	
6	24.5	
7	0.28	
8	0.05	
9	7.73	
10	8	
11	14.56	
12	287.02	
13	£157.13 (157.125) £65.53 (65.5275) £24.71 (24.7125)	