JRA Tutors
Private tuition and small online Study Pods

Rounding

Grade 1 topic · Foundation and Higher · Edexcel and AQA

How to use this pack
20 questions that get harder as you go. Foundation students: aim for Questions 1–15 (25 marks) and have a go at the rest. Higher students: complete all 20. Show your working on the lines and write your final answer on the answer line, then mark yourself with the answers at the back. Diagrams are not drawn accurately. Total: 41 marks.

Warm-up

1 Round 867 to the nearest 10. **[1 mark]**

Answer _____

2 Round 305 to the nearest 10. **[1 mark]**

Answer _____

3 Round 138 to the nearest 10. **[1 mark]**

Answer _____

4 Round 276 to the nearest 10. **[1 mark]**

Answer _____

5 Round 708 to the nearest 10. **[1 mark]**

Answer _____

Core

6 Round 8,093 to the nearest 1000. **[2 marks]**

Answer _____

7 Round 7,840 to the nearest 100. **[2 marks]**

Answer _____

8 Round 6,800 to the nearest 1000. **[2 marks]**

Answer _____

9 Round 3,542 to the nearest 100. **[2 marks]**

Answer _____

10 Round 9,368 to the nearest 1000. **[2 marks]**

Answer _____

Stretch

11 Round 7.3338 to 1 decimal place. **[2 marks]**

Answer _____

12 Round 2.825 to 2 decimal places. **[2 marks]**

Answer _____

13 Round 1.6074 to 1 decimal place. **[2 marks]**

Answer _____

14 Round 6.216 to 2 decimal places. **[2 marks]**

Answer _____

15 Round 9.7064 to 1 decimal place. **[2 marks]**

Answer _____

Challenge

16 Estimate the value of (33 × 2) ÷ 0.43 by rounding each number to 1 significant figure. **[4 marks]**

Answer _____

17 Round 541,772 to 3 significant figures. **[2 marks]**

Answer _____

18 Estimate the value of (64 × 6.9) ÷ 0.2 by rounding each number to 1 significant figure. **[4 marks]**

Answer _____

19 Round 345,080 to 3 significant figures. **[2 marks]**

Answer _____

20 Estimate the value of $(48 \times 1.9) \div 0.38$ by rounding each number to 1 significant figure. **[4 marks]**

Answer _____