



Rounding Exam Practice

Rounding to the nearest 10, 100 and 1000

Q1. Round the following numbers to the nearest 10

- | | | | | | |
|-------|-----|-----|-------|------|-----|
| (i) | 72 | 70 | (iv) | 108 | 110 |
| (ii) | 326 | 330 | (v) | 6 | 10 |
| (iii) | 45 | 50 | (vii) | 23.4 | 20 |

Answer: _____

(1 mark each)

Q2. Round the following numbers to the nearest 100

- | | | | | | |
|------|------|------|-------|------|-----|
| (i) | 850 | 900 | (vi) | 263 | 270 |
| (ii) | 142 | 100 | (v) | 84.1 | 100 |
| (vi) | 4020 | 4000 | (vii) | 449 | 400 |

Answer: _____

(1 mark each)



Q3. Round the following numbers to the nearest 1000

- (i) 1857 **2000** (ii) 1500 **2000**
(iii) 14260 **14000** (iv) 4378 **4000**
(v) 777 **1000** (vii) 9499 **9000**

Answer: _____
(1 mark each)

Rounding to 1, 2 and 3 decimal places

Q4. Round the following numbers to 1 decimal place

- (i) 8.67 **8.7** (ii) 32.67 **32.7**
(iii) 18.423 **18.4** (iv) 0.46 **0.5**
(v) 7.45 **7.5** (vi) 424.712 **424.7**

Answer: _____
(1 mark each)



Q5. Round the following numbers to 2 decimal places

(i) 40.673 **40.67** (ii) 2.8792 **2.88**

(iii) 0.846 **0.85** (iv) 7.999 **8.00**

(v) 17.453 **17.45** (vi) 80.007 **80.01**

Answer: _____
(1 mark each)

Q6. Round the following numbers to 3 decimal places

(i) 40.6734 **40.673** (ii) 2.87925 **2.879**

(iii) 0.8465 **0.847** (iv) 52.0004 **52.000**

(v) 10.3482 **10.348** (vi) 0.00258 **0.003**

Answer: _____
(1 mark each)



Problem Questions:

Q7. Jenny counts the number of sweets in a jar. She finds that to the nearest 10, she has 130 sweets.

a) What is the least number of sweets she could have?

125

Answer: 125
(1 mark)

b) What is the most number of sweets she could have?

134

Answer: 134
(1 mark)



Q8. Simon counts the number of 10p coins in a jar. He finds that to the nearest 100, he has 700 coins.

a) What is the least amount of money he could have?

700 \rightarrow 650 coins at the least

$$\begin{aligned}\Rightarrow 650 \times 10p &= 6500p \\ &= \text{£}65\end{aligned}$$

Answer: £65
(2 marks)

b) What is the most amount of money he could have?

700 \Rightarrow 749 coins at the most

$$\begin{aligned}\Rightarrow 749 \times 10p &= 7490p \\ &= \text{£}74.90\end{aligned}$$

Answer: £74.90
(2 marks)



Q9. At a football match the number of spectators is 20,000 to the nearest 10,000.

a) What is the least number of spectators there could be?

15,000

Answer: 15,000
(2 marks)

b) What is the most number of spectators there could be?

24999

Answer: 24999
(2 marks)



Rounding to 1, 2 and 3 Significant Figures

Q10. Round the following numbers to 1 significant figure

(i) 28 30 (ii) 32.67 30

(iii) 15 20 (iv) 0.463 0.5

(v) 7290 7000 (vi) 0.0712 0.07

Answer: _____
(1 mark each)

Q11. Round the following numbers to 2 significant figures

(i) 432 430 (ii) 99501 100000

(iii) 2.8792 2.88 (iv) 3527 3500

(v) 81742 82000 (vi) 0.0103 0.01

Answer: _____
(1 mark each)



Q12. Round the following numbers to 3 significant figures

(i) 5946
5950

(ii) 28284
28300

(iii) 4.391
4.39

(iv) 95319
95300

(v) 0.00051
0.000510

(vi) 76.43
76.4

Answer: _____
(1 mark each)