

## Rounding Exam Practice



### Rounding to the nearest 10, 100 and 1000

**Q1.** Round the following numbers to the nearest 10

- |          |            |
|----------|------------|
| (i) 72   | (iv) 108   |
| (ii) 326 | (v) 6      |
| (iii) 45 | (vii) 23.4 |

[1 mark each]

**Q2.** Round the following numbers to the nearest 100

- |            |           |
|------------|-----------|
| (i) 850    | (vi) 263  |
| (ii) 142   | (v) 84.1  |
| (iii) 4020 | (vii) 449 |

[1 mark each]

**Q3.** Round the following numbers to the nearest 1000

- |            |             |
|------------|-------------|
| (i) 1857   | (vi) 1500   |
| (ii) 14260 | (vii) 4378  |
| (iii) 777  | (viii) 9499 |

[1 mark each]

### Rounding to 1, 2 and 3 decimal places

**Q4.** Round the following numbers to 1 decimal place

- |             |              |
|-------------|--------------|
| (i) 8.67    | (iv) 32.67   |
| (ii) 18.423 | (v) 0.46     |
| (iii) 7.45  | (vi) 424.712 |

[1 mark each]

**Q5.** Round the following numbers to 2 decimal places

- |              |              |
|--------------|--------------|
| (i) 40.673   | (iv) 2.8792  |
| (ii) 0.846   | (v) 7.999    |
| (iii) 17.453 | (vii) 80.007 |

[1 mark each]

**Q6.** Round the following numbers to 3 decimal places

- |               |              |
|---------------|--------------|
| (i) 40.6734   | (iv) 2.87925 |
| (ii) 0.8465   | (v) 52.0004  |
| (iii) 10.3482 | (vi) 0.00258 |

[1 mark each]



## Problem Solving

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

What is the least number of sweets she could have?

What is the most number of sweets she could have?

[2 marks]

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

What is the least amount of money he could have?

What is the most amount of money he could have?

[2 marks]

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

What is the least number of spectators there could be?

What is the most number of spectators there could be?

[2 marks]

## Rounding to 1, 2 and 3 Significant Figures

**Q10.** Round the following numbers to 1 significant figure

(i) 28

(iv) 32.67

(ii) 15

(v) 0.463

(iii) 7290

(vi) 0.0712

[1 mark each]

**Q11.** Round the following numbers to 2 significant figures

(i) 432

(iv) 99501

(ii) 2.8792

(v) 3527

(iii) 81742

(vi) 0.0103

[1 mark each]

**Q12.** Round the following numbers to 3 significant figures

(i) 5946

(iv) 28284

(ii) 4.391

(v) 95319

(iii) 0.00051

(vi) 76.43

[1 mark each]