

Outcome 4 - Rounding to 1, 2 & 3 Significant Figures

Bronze examples

Examples...

Round to one significant figure...

87 → 90

6489 → 6000

0.00387 → 0.004

Silver examples

Examples...

Round to two significant figures...

673 → 670

567 248 → 570 000

0.003457 → 0.0035

Gold examples

Examples...

Round to three significant figures...

8947 → 8950

238 489 → 238 000

0.0023456 → 0.00235

Bronze Questions

Round the following to one significant figure...

1	96	2	64
2	873	4	432
5	3846	6	5167
7	8.8	8	43.65
9	0.764	10	0.00948

Silver Questions

Round the following to two significant figures...

1	432	2	628
3	7836	4	9854
5	72 298	6	625 873
7	3.1457	8	85.9678
9	0.3456	10	0.009174

Gold Questions

Round the following to three significant figures...

1	4876	2	8372
3	72 684	4	92 567
5	564 932	6	629 483
7	7.5694	8	93.7645
9	0.34567	10	0.0092467

Bronze Answers

- | | | | |
|----|------|-----|-------|
| 1. | 100 | 2. | 60 |
| 3. | 900 | 4. | 400 |
| 5. | 4000 | 6. | 5000 |
| 7. | 9 | 8. | 40 |
| 9. | 0.8 | 10. | 0.009 |

Silver Answers

- | | | | |
|----|--------|-----|---------|
| 1. | 430 | 2. | 630 |
| 3. | 7800 | 4. | 9900 |
| 5. | 72 000 | 6. | 630 000 |
| 7. | 3.1 | 8. | 86 |
| 9. | 0.35 | 10. | 0.0092 |

Gold Answers

- | | | | |
|----|---------|-----|---------|
| 1. | 4880 | 2. | 8370 |
| 3. | 72 700 | 4. | 92 600 |
| 5. | 565 000 | 6. | 629 000 |
| 7. | 7.57 | 8. | 93.8 |
| 9. | 0.346 | 10. | 0.00925 |