

Outcome 1 - Rounding to 1, 2 and 3 Significant Figures


Bronze examples

Examples...

Round to one significant figure...

$$87 \rightarrow 90$$

$$6489 \rightarrow 6000$$

$$0.00387 \rightarrow 0.004$$



Silver examples

Examples...

Round to two significant figures...

$$673 \rightarrow 670$$

$$567\,248 \rightarrow 570\,000$$

$$0.003457 \rightarrow 0.0035$$



Gold examples

Examples...

Round to three significant figures...











$$8947 \rightarrow 8950$$

$$238\,489 \rightarrow 238\,000$$

$$0.0023456 \rightarrow 0.00235$$


Bronze Questions











Round the following to one significant figure...

- | | |
|---|---|
|  96 |  64 |
|  873 |  432 |
|  3846 |  5167 |
|  8.8 |  43.65 |
|  0.764 |  0.00948 |



Silver Questions











Round the following to two significant figures...

- | | |
|--|--|
|  432 |  628 |
|  7836 |  9854 |
|  72 298 |  625 873 |
|  3.1457 |  85.9678 |
|  0.3456 |  0.009174 |



Gold Questions

Round the following to three significant figures...

- | | |
|---|---|
|  4876 |  8372 |
|  72 684 |  92 567 |
|  564 932 |  629 483 |
|  7.5694 |  93.7645 |
|  0.34567 |  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 |