

Rounding to Significant Figures

- 1) 7.696
- a) Round to 2 significant digits _____
 - b) Round to 1 significant digit _____
 - c) Round to 3 significant digits _____
- 2) 21.7
- a) Round to 1 significant digit _____
 - b) Round to 2 significant digits _____
 - c) Round to 3 significant digits _____
- 3) 81.1754
- a) Round to 5 significant digits _____
 - b) Round to 3 significant digits _____
 - c) Round to 1 significant digit _____
- 4) 371.38
- a) Round to 2 significant digits _____
 - b) Round to 4 significant digits _____
 - c) Round to 1 significant digit _____
- 5) 605.7163
- a) Round to 2 significant digits _____
 - b) Round to 5 significant digits _____
 - c) Round to 4 significant digits _____

Rounding to Significant Figures

Answer Key

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|--------------|----------------------------------|---------------|
| 1) 7.696 | a) Round to 2 significant digits | <u>7.7</u> |
| | b) Round to 1 significant digit | <u>8</u> |
| | c) Round to 3 significant digits | <u>7.70</u> |
| 2) 21.7 | a) Round to 1 significant digits | <u>20</u> |
| | b) Round to 2 significant digits | <u>22</u> |
| | c) Round to 3 significant digits | <u>21.700</u> |
| 3) 8120.174 | a) Round to 5 significant digits | <u>8120.2</u> |
| | b) Round to 3 significant digits | <u>8120</u> |
| | c) Round to 1 significant digit | <u>8000</u> |
| 4) 371.35 | a) Round to 2 significant digits | <u>370</u> |
| | b) Round to 4 significant digits | <u>371.4</u> |
| | c) Round to 1 significant digit | <u>400</u> |
| 5) 5205.7163 | a) Round to 2 significant digits | <u>5200</u> |
| | b) Round to 5 significant digits | <u>5205.7</u> |
| | c) Round to 4 significant digits | <u>5206</u> |
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