

Rounding to Significant Figures

- 1) 813.8
- a) Round to 2 significant digits _____
 - b) Round to 3 significant digits _____
 - c) Round to 1 significant digit _____
- 2) 93.8071
- a) Round to 1 significant digit _____
 - b) Round to 5 significant digits _____
 - c) Round to 3 significant digits _____
- 3) 3.57
- a) Round to 2 significant digits _____
 - b) Round to 4 significant digits _____
 - c) Round to 1 significant digit _____
- 4) 67.29
- a) Round to 2 significant digits _____
 - b) Round to 1 significant digit _____
 - c) Round to 3 significant digits _____
- 5) 425.161
- a) Round to 5 significant digits _____
 - b) Round to 3 significant digits _____
 - c) Round to 1 significant digit _____

Rounding to Significant Figures

Answer Key

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|-------------|----------------------------------|---------------|
| 1) 813.6 | a) Round to 2 significant digits | <u>810</u> |
| | b) Round to 3 significant digits | <u>814</u> |
| | c) Round to 1 significant digits | <u>800</u> |
| 2) 9286.074 | a) Round to 1 significant digit | <u>9000</u> |
| | b) Round to 5 significant digits | <u>9286.1</u> |
| | c) Round to 3 significant digits | <u>9290</u> |
| 3) 3.57 | a) Round to 2 significant digits | <u>3.6</u> |
| | b) Round to 4 significant digits | <u>3.570</u> |
| | c) Round to 1 significant digit | <u>4</u> |
| 4) 67.25 | a) Round to 2 significant digits | <u>67</u> |
| | b) Round to 1 significant digit | <u>70</u> |
| | c) Round to 3 significant digits | <u>67.3</u> |
| 5) 425.163 | a) Round to 5 significant digits | <u>425.16</u> |
| | b) Round to 3 significant digits | <u>425</u> |
| | c) Round to 1 significant digit | <u>400</u> |
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