

Worksheet

Rounding Off

1. Round off these numbers to the nearest whole number:

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|-----------|------------|
| (a) 4.7 | ANSWER: 5 |
| (b) 7.9 | ANSWER: 8 |
| (c) 8.8 | ANSWER: 9 |
| (d) 3.124 | ANSWER: 3 |
| (e) 79.39 | ANSWER: 79 |

2. Round these off to the nearest hundred:

- | | |
|-------------|----------------|
| (a) 88.91 | ANSWER: 100 |
| (b) 814 | ANSWER: 800 |
| (c) 482.132 | ANSWER: 500 |
| (d) 15,209 | ANSWER: 15,200 |
| (e) 959.24 | ANSWER: 1,000 |

3. Round these off to *decimal places* as required:

- | | |
|------------------------|-----------------|
| (a) 219.832 to 2 d.p. | ANSWER: 219.83 |
| (b) 518.9418 to 3 d.p. | ANSWER: 518.942 |
| (c) 9.7050 to 1 d.p. | ANSWER: 9.7 |
| (d) 6.9501 to 1 d.p. | ANSWER: 7.0 |
| (e) 0.59999 to 3 d.p. | ANSWER: 0.600 |

4. Round these off to *significant figures* as required:

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|--------------------------|----------------------------------|
| (a) 5,312,005 to 1 s.f. | ANSWER: 5 million or 5,000,000 |
| (b) 38,189 to 1 s.f. | ANSWER: 40,000 |
| (c) 3,720,199 to 2 s.f. | ANSWER: 3.7 million or 3,700,000 |
| (d) 0.00341209 to 3 s.f. | ANSWER: 0.00341 |
| (e) 0.02058091 to 2 s.f. | ANSWER: 0.021 |