

Rounding to Decimal Places

Round to the nearest integer (whole number):

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|-----------|------------|
| (a) 9.7 | (b) 12.4 |
| (c) 47.1 | (d) 0.9 |
| (e) 4.11 | (f) 5.62 |
| (g) 24.57 | (h) 13.45 |
| (i) 1.22 | (j) 14.987 |

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|--------|--------|
| (a) 10 | (b) 12 |
| (c) 47 | (d) 1 |
| (e) 4 | (f) 6 |
| (g) 25 | (h) 13 |
| (i) 1 | (j) 15 |

Round to 1 decimal place:

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|------------|-------------|
| (a) 3.12 | (b) 65.27 |
| (c) 5.88 | (d) 4.25 |
| (e) 0.56 | (f) 2.432 |
| (g) 21.635 | (h) 283.123 |
| (i) 33.987 | (j) 0.998 |

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|----------|-----------|
| (a) 3.1 | (b) 65.3 |
| (c) 5.9 | (d) 4.3 |
| (e) 0.6 | (f) 2.4 |
| (g) 21.6 | (h) 283.1 |
| (i) 34.0 | (j) 1.0 |

Round to 2 decimal places:

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|-------------|------------|
| (a) 2.121 | (b) 8.115 |
| (c) 6.878 | (d) 13.989 |
| (e) 0.413 | (f) 4.245 |
| (g) 18.7354 | (h) 0.9998 |
| (i) 75.0123 | (j) 1.7898 |

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|-----------|-----------|
| (a) 2.12 | (b) 8.12 |
| (c) 6.88 | (d) 13.99 |
| (e) 0.41 | (f) 4.25 |
| (g) 18.74 | (h) 1.00 |
| (i) 75.01 | (j) 1.79 |

Round these numbers to the stated number of decimal places.

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|---------------------|
| (a) 5.876 (1 d.p.) |
| (b) 4.237 (2 d.p.) |
| (c) 0.6754 (2 d.p.) |
| (d) 12.96 (1 d.p.) |
| (e) 4.302 (1 d.p.) |
| (f) 5.999 (2 d.p.) |

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|----------|
| (a) 5.9 |
| (b) 4.24 |
| (c) 0.68 |
| (d) 13.0 |
| (e) 4.3 |
| (f) 6.00 |

- (a) The width of a book is 21.7 cm correct to 1 decimal place. What is the smallest and biggest width the book could have?
(b) A pencil has a length 16.25 cm, correct to 2 decimal places. What is the smallest and biggest length the pencil could have?

- (a) 21.65 cm, 21.749 cm
(b) 16.245 cm, 16.2549 cm.