

## Significant Digits

How many significant digits are in each number?

- |                           |                         |
|---------------------------|-------------------------|
| 1) $1 \times 10^{-8}$     | 11) 88                  |
| 2) 70                     | 12) 4800                |
| 3) 38.51                  | 13) $6.450 \times 10^7$ |
| 4) $5 \times 10^{-5}$     | 14) 4800.               |
| 5) $7.992 \times 10^{-6}$ | 15) 7109                |
| 6) 0.004                  | 16) 7010                |
| 7) 0.0080                 | 17) $4.670 \times 10^6$ |
| 8) 0.000500               | 18) 6000                |
| 9) 0.060                  | 19) $8.610 \times 10^3$ |
| 10) $1 \times 10^{-4}$    | 20) 8850.               |

Solve the problems and round accordingly.

- |                             |                                |
|-----------------------------|--------------------------------|
| 21) $57.9 + 3.543 + 1.4 =$  | 26) $41.28 - 3.122 =$          |
| 22) $83.5 + 6.11 + 3.542 =$ | 27) $8.3974 - 3.517 + 54.79 =$ |
| 23) $16.9 - 1.663 =$        | 28) $8.3 + 18.55 =$            |
| 24) $75.535 - 1.416 =$      | 29) $2.8 + 8.55 =$             |
| 25) $61.777 + 8.2934 =$     | 30) $6.71 - 2.6865 =$          |

Solve the problems and round accordingly.

- |                                       |  |
|---------------------------------------|--|
| 31) $0.0070 \times 0.060 \times 30 =$ | 36) $55.62 \times 38.884 \times 502 =$ |
| 32) $800 \times 83.59 \times 700 =$   | 37) $1000/95.3 =$                      |
| 33) $304 / 5.352 =$                   | 38) $0.46 \times 0.070 =$              |
| 34) $98 \times 0.51 =$                | 39) $102/1.169 =$                      |
| 35) $8000./9.1 =$                     | 40) $0.008 \times 95.5 \times 4100 =$  |

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