

Algebra I Percent, Decimals, & Fractions

1.2 Decimal Operations

Sponge Problems

- Multiply: 41.6×3 (M8.A.3.3.1)
A. 12.48 B. 123.18 C. 124.8 D. 1231.8
- What is the square root of 64? (M8.A.1.1.2)
A. 2 B. 8 C. 32 D. 4096

Review Problems

Copy and complete the statement using $<$, $>$, or $=$.

- 9.873 ____ 9.099
- 2.543 ____ 2.453
- 2.5 ____ 2.5000

1.2 Problems

Find the sum.

- $7.92 + 6.5$
- $12.36 + 9$
- $28.012 + 94.3$
- $19.9 + 93.8 + 5.992$
- $9.02 + 8 + 8.7$
- $2.25 + 7.789 + 4.32$

Find the difference.

- $3.42 - 2.4$
- $0.88 - 0.39$
- $2.91 - 0.452$
- $15 - 6.32 - 1.44$
- $10.24 - 3.1 - 0.07$
- $94.48 - 16.7 - 42.902$

Find the product.

- 6.25×6.5
- 9.58×0.26
- 0.15×24
- 64×3.51
- 183.62×2.834
- 510.375×80.2

Find the quotient.

- $133.6 \div 8$
- $57.3 \div 0.003$
- $231.84 \div 12.6$
- $100.38 \div 21$
- $84.4 \div 0.02$
- $2712.15 \div 35$

- You bought a shirt for \$24, a pair of pants for \$25.99, and a pair of shoes for \$12.45. How much did you spend all together? If you give the cashier \$70, how much change will you receive?