

Homework

Activity 1

Use the integer rules to solve the problems.

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|------------------|------------------|--------------|-----------------|
| 1. $-3 \cdot 5$ | 2. $15 \div -3$ | 3. $15 - 27$ | 4. $-6 + -8$ |
| 5. $-24 \div -8$ | 6. $-5 \cdot -3$ | 7. $5 + -7$ | 8. $-56 \div 7$ |

Activity 2

Use PEMDAS and integer rules to evaluate the numeric expressions.
Remember to do diagnostics first, and then go to the Algebra Toolbox.

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|---------------------------------|------------------------------|
| 1. $5 + 2 - -3 + (3 \cdot -6)$ | 2. $9 \cdot (-6 + -4) + 2^2$ |
| 3. $-15 \div -3 \cdot (8 - -2)$ | 4. $-24 + -38 - 3^2$ |

Activity 3

Choose the material that would most likely be used for estimating the volume of the item.

- The volume of a sauce pan is about 3
(a) cups of water. (b) marbles. (c) grains of sand.
- The volume of a shoe box is about 5
(a) marbles. (b) sugar cubes. (c) cups of rice.
- The volume of a waffle cone is about 15
(a) cups of water. (b) marbles. (c) cups of beans.

Activity 4 • Distributed Practice

Solve.

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| 1. $\frac{1}{5} \cdot \frac{5}{3} = a$ | 2. $-3 - 9 = b$ |
| 3. $\frac{1}{12} \div \frac{1}{6} = c$ | 4. $3^2 + (3 \cdot 4) - 2 = d$ |
| 5. $\frac{3}{4} - \frac{3}{8} = e$ | 6. $-9 + -9 = f$ |
| 7. $(5 - 10) + 2^2 = g$ | 8. $8 + 4 \div 2 = h$ |