

Homework

Activity 1

Use the integer rules to solve the problems.

- $-3 \cdot 5$
- $15 \div -3$
- $15 - 27$
- $-6 + -8$
- $-24 \div -8$
- $-5 \cdot -3$
- $5 + -7$
- $-56 \div 7$

Activity 2

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

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

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.

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