Homework

Activity 1

Use the integer rules for all four operations to solve the problems.

1. $-2 \cdot -3$
2. $-4 + -33$
3. $32 \div -8$
4. $15 - -3$
5. $8 \cdot -10$
6. $-49 \div -7$

Activity 2

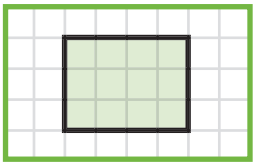
Use PEMDAS and integer rules to evaluate the numeric expressions. Remember to do diagnostics first, and then go to the Algebra Toolbox.

1. $5 + (-4 + -1) - 3 \cdot -3$
2. $-3 \cdot (-2 \cdot 3) + -15$
3. $18 \div -3 \cdot 2 - 2^2$
4. $-5 + 3^2 \div -3 - -5$
5. $-12 - (-3 + -5) \cdot -2$

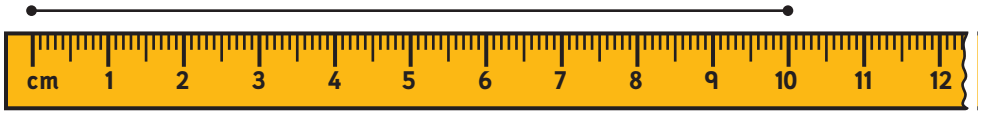
Activity 3

Select the correct measurement for each object.

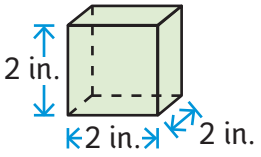
1. The area of the rectangle is:
   (a) 12 units **(b)** 12 units^2 **(c)** 12 units^3



2. The length of the line is:
   (a) 10 cm **(b)** 10 cm^2 **(c)** 10 cm^3



3. The volume of the cube is:
   (a) 8 in. **(b)** 8 in.^{2} **(c)** 8 in.^{3}



Activity 4 • Distributed Practice

Solve.

1. $-4 - -5 = a$
2. $\frac{2}{3} \cdot \frac{3}{2} = b$
3. $(3 \cdot 5) - 3^2 = c$
4. $\frac{1}{4} \div \frac{1}{8} = d$
5. $\frac{1}{4} - \frac{1}{8} = e$
6. $(8 - 12) + -3 = f$
7. $-8 \div -1 = g$
8. $107 + 4 \div 4 = h$