

Homework

Activity 1

Using the PEMDAS rules, tell which part of the problem you would solve first in each of the problems. You do not need to solve the whole problem.

Model $4 + 2 \cdot 7 - (8 + 2)$

Answer: $8 + 2$

1. $12 \div 4^2 + 7 - 8$
2. $27 - 8 \cdot 2 + 3$
3. $54 \div 3^2 + (2 - 2)$
4. $6 \cdot 4 + 8 \cdot 2$
5. $3 + 2 - 1 + 0 \cdot 2$
6. $15 - 8 + 5 - 10 + 2$

Activity 2

Evaluate the numeric expressions by using PEMDAS. Be sure to show each step as you go.

Model $4 \cdot 6 + (3 \cdot 4)$

Answer: $4 \cdot 6 + (3 \cdot 4)$

$4 \cdot 6 + 12$

$24 + 12$

36

1. $2^2 \cdot (4 + 3) - 8$

2. $6 + 2 \cdot 5 - 8$

4. $3 + 12 \div 4 - 5$

3. $25 \div (2 + 3) \cdot 8$

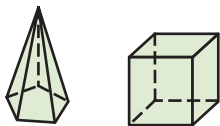
5. $(3 + 5) \cdot 3^2 - 50$

6. $99 + (100 - 99) \cdot 10$

Activity 3

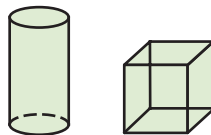
Select the attribute that makes the shapes different from one another.

1.



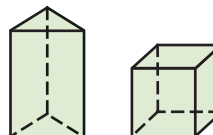
- (a) a vertex
- (b) a face
- (c) a base

2.



- (a) a base
- (b) a curved face
- (c) a vertex

3.



- (a) a vertex
- (b) a face
- (c) the shape of the base

Activity 4 • Distributed Practice

Solve.

1. $47 + a = 257$

2. $1.25 \cdot 4 = b$

3. $18.8 \div 2 = c$

4. $d - 499 = 307$

5. $\frac{4}{5} + \frac{1}{10} = e$

6. $\frac{3}{11} - \frac{1}{11} = f$

7. $229 \cdot g = 458$

8. $407.29 + 319.91 = h$