Name: _____ Date: _____

3.1 Warm Up

1. Evaluate.

a) $2 \times 2 \times 2 =$ _____

b) $5 \times 5 =$ _____

c) $1 \times 1 \times 1 \times 1 \times 1 =$ _____

d) $3 \times 3 \times 3 =$ _____

2. Evaluate.

a) $(-3) \times (-3) =$ _____

b) $4 \times (-4) =$ _____

c) $(-8) \times (-8) =$ _____

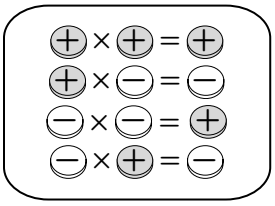
d) $(-7) \times (+7) =$ _____

e) $(-3) \times (-3) \times (-3)$

= _____ $\times (-3)$

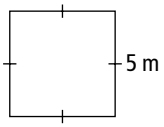
= _____

f) $(-2) \times (-2) \times (-2) \times (-2)$

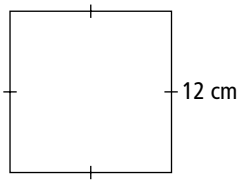


3. Find the area of each square. $s^2 = s \times s$

a)



b)



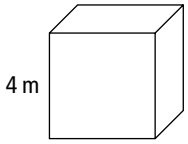
$A = s^2$ ← Formula →

← Substitute →

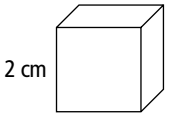
← Solve →

4. Find the volume of each cube. $s^3 = s \times s \times s$

a)



b)



$V = s^3$ ← Formula →

← Substitute →

← Solve →