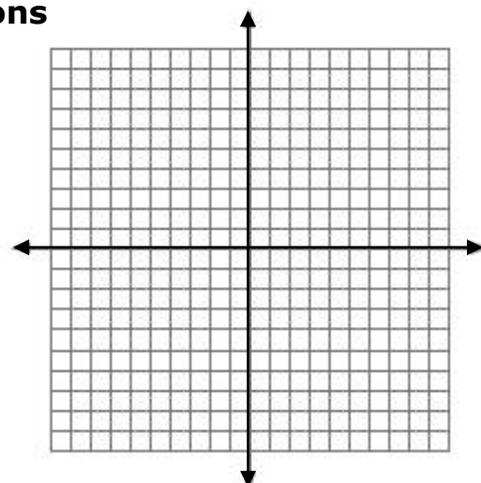


Name \_\_\_\_\_ Date \_\_\_\_\_

### Systems of Equations

Solve the linear system by graphing.

1.  $x - 4y = 28$   
 $2x + y = 2$



Solve the linear system using substitution.

2.  $y - 5 = x$   
 $4x - y = 4$

Solve the linear system using elimination.

3.  $4x - 3y = 8$   
 $5x - 2y = -11$

4.  $-5x + 3y = 19$   
 $-5x + 7y = 11$

5. A restaurant charged one customer \$28.20 for 3 small dishes and 5 large dishes and charged another customer \$23.30 for 4 small dishes and 3 large dishes.

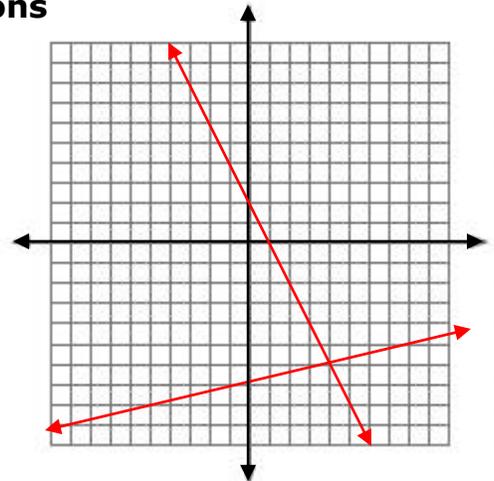
What will 2 small and 4 large dishes cost?

### Systems of Equations

Solve the linear system by graphing.

1.  $x - 4y = 28$   
 $2x + y = 2$

**(4, -6)**



Solve the linear system using substitution.

2.  $y - 5 = x$   
 $4x - y = 4$

**(3, 8)**

Solve the linear system using elimination.

3.  $4x - 3y = 8$   
 $5x - 2y = -11$

**(-7, -12)**

4.  $-5x + 3y = 19$   
 $-5x + 7y = 11$

**(-5, -2)**

5. A restaurant charged one customer \$28.20 for 3 small dishes and 5 large dishes and charged another customer \$23.30 for 4 small dishes and 3 large dishes.

What will 2 small and 4 large dishes cost?

**1 small = \$2.90    1 large = \$3.90**

**2 small & 4 large = \$21.40**