# Explaining X and Y with Proportionality

Name:

**Determine what the value of A means in each problem.**

1)

Price vs Pounds of Meat, A● (1 , 5)

2)

Calories Consumed vs Sodas Drank, A● (1 , 146)

3)

Price vs Pieces of Chicken, A● (1 , 2)

4)

Distance (miles) vs Hours, A● (1 , 57)

5)

Pieces of Candy vs Boxes of Candy, A● (1 , 38)

6)

Points Earned vs Enemies Defeated, A● (1 , 710)

**Determine what the value of A means in each problem.**

1)

Price | Pounds of Meat

A
●(1 , 5)
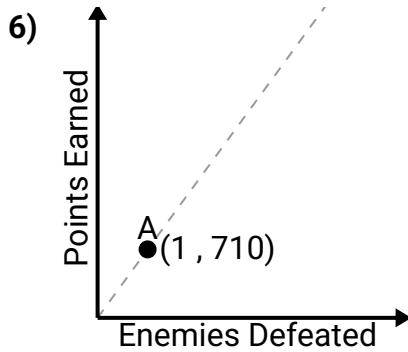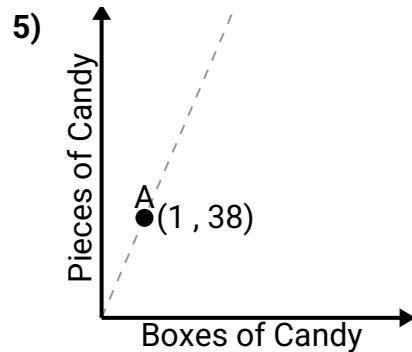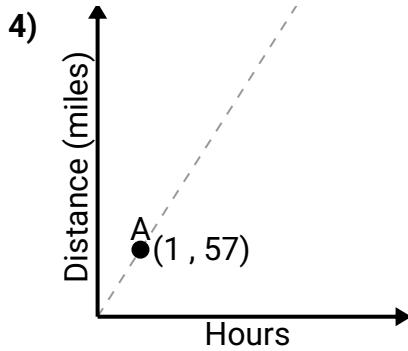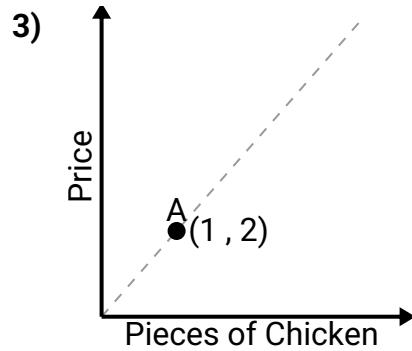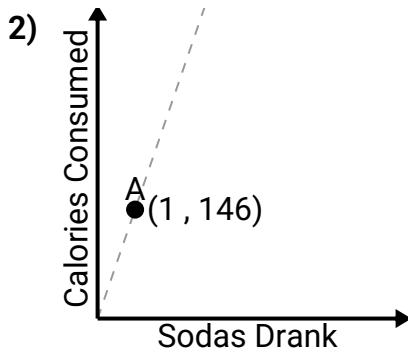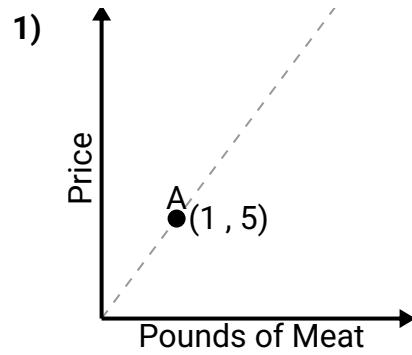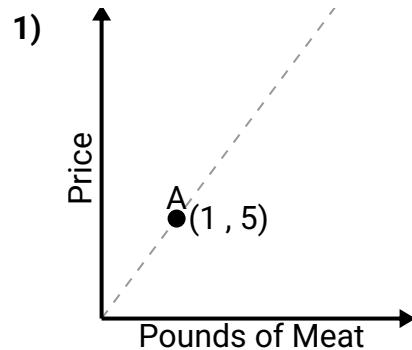
Every pound of meat costs $5.

2)

Calories Consumed | Sodas Drank

A
●(1 , 146)
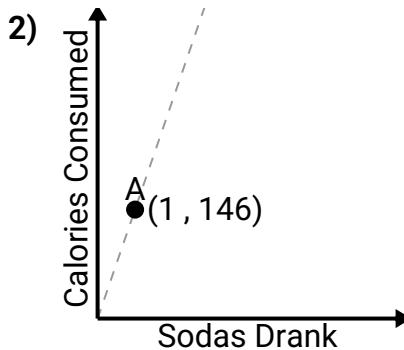
For every soda drank 146 calories are consumed.

3)

Price | Pieces of Chicken

A
●(1 , 2)
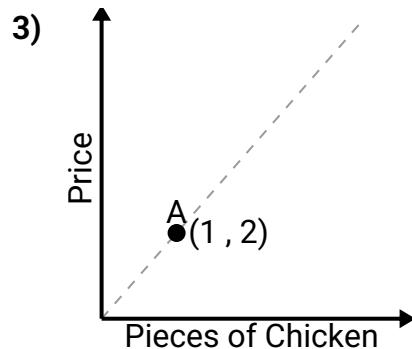
Every piece of chicken costs $2.

4)

Distance (miles) | Hours

A
●(1 , 57)
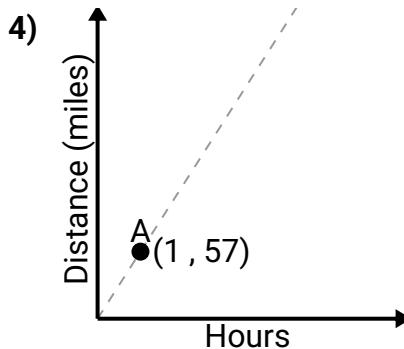
Every hour 57 miles are travelled.

5)

Pieces of Candy | Boxes of Candy

A
●(1 , 38)
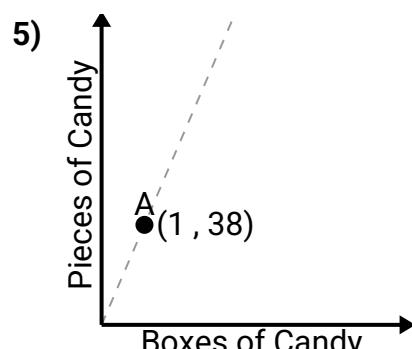
Every box of candy has 38 pieces of candy.

6)

Points Earned | Enemies Defeated

A
●(1 , 710)
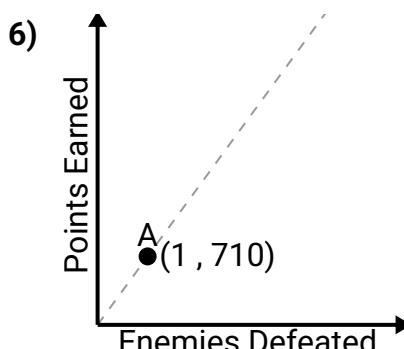
For every enemy defeated 710 points are earned.