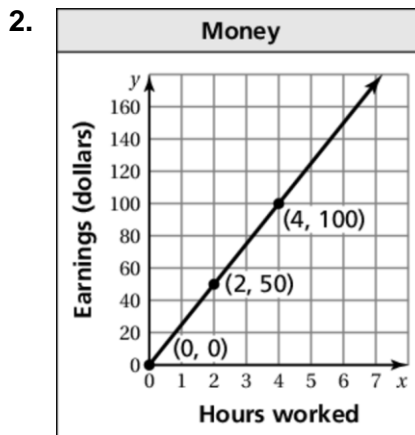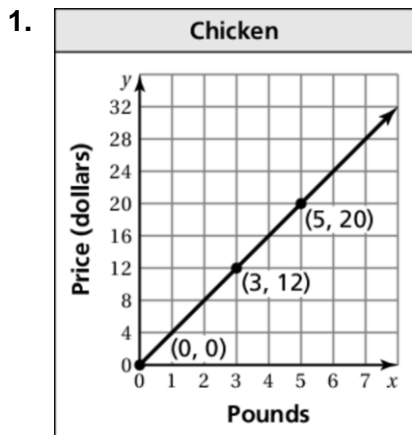Name _____ Date _____

Extension 5.2 Practice

Interpret each plotted point in the graph of the proportional relationship.

1.

2.

The graph of a proportional relationship passes through the given points. Find _y_.

3. $(4, 8), (1, y)$

4. $(3, 21), (1, y)$

5. $(1.5, 9), (1, y)$

6. $(3.5, 14), (1, y)$

7. Two classes have car washes to raise money for class trips. A portion of the earnings will pay for using the two locations for the car washes. The graph shows that the trip earnings of the two classes are proportional to the car wash earnings.

a. Express the trip earnings rate for each class as a percent.

b. What trip earnings does Class A receive for earning $75 from the car wash?

c. How much less does Class B receive than Class A for earning $75 from the car wash?