Explaining X and Y with Proportionality

Name:

Determine what the value of A means in each problem.

1)

A
●(1 , 6)

Price (y-axis)
Pounds of Meat (x-axis)

2)

A
●(1 , 65)

Distance (miles) (y-axis)
Hours (x-axis)

3)

A
●(1 , 16)

Lemons Used (y-axis)
Glasses of Lemonade (x-axis)

4)

A
●(1 , 26)

Money Earned (y-axis)
Lawns Mowed (x-axis)

5)

A
●(1 , 3)

Batches of Cookies (y-axis)
Cups of Flour (x-axis)

6)

A
●(1 , 22)

Pieces of Candy (y-axis)
Boxes of Candy (x-axis)

Determine what the value of A means in each problem.

1)

Price / Pounds of Meat — A ●(1 , 6)
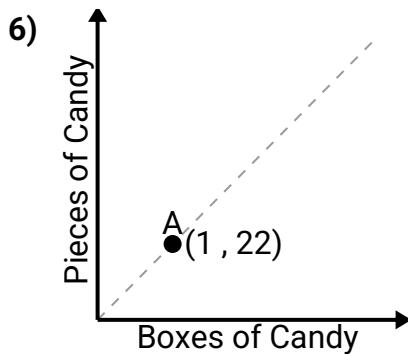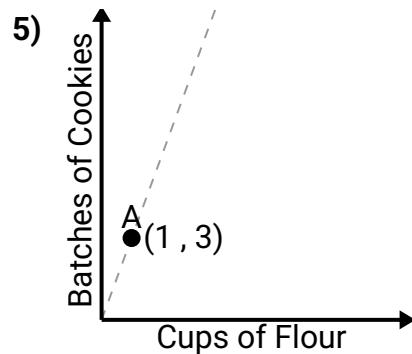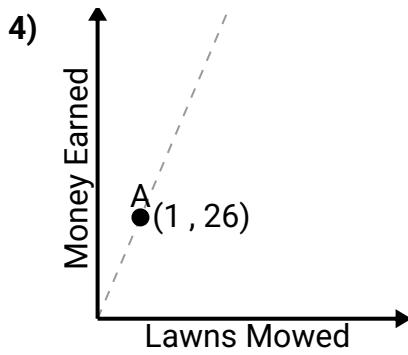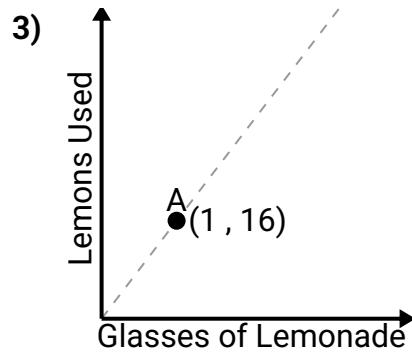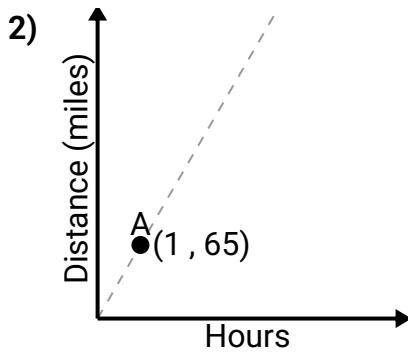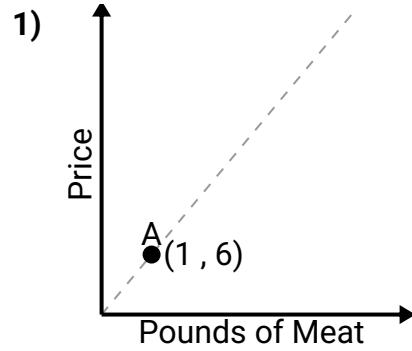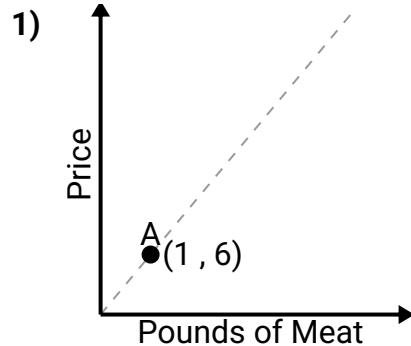
Every pound of meat costs $6.

2)

Distance (miles) / Hours — A ●(1 , 65)
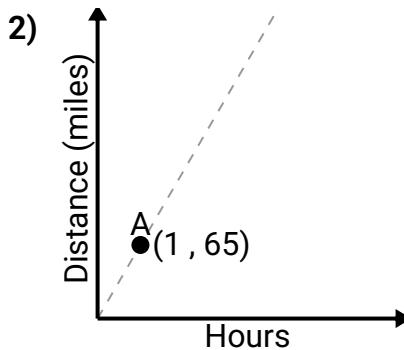
Every hour 65 miles are travelled.

3)

Lemons Used / Glasses of Lemonade — A ●(1 , 16)
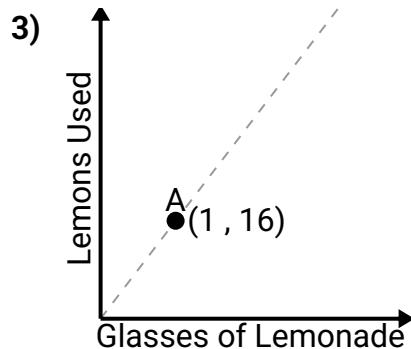
Every glass of lemonade requires 16 lemons.

4)

Money Earned / Lawns Mowed — A ●(1 , 26)
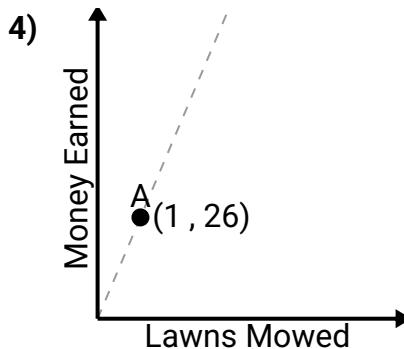
For every lawn mowed $26 are earned.

5)

Batches of Cookies / Cups of Flour — A ●(1 , 3)
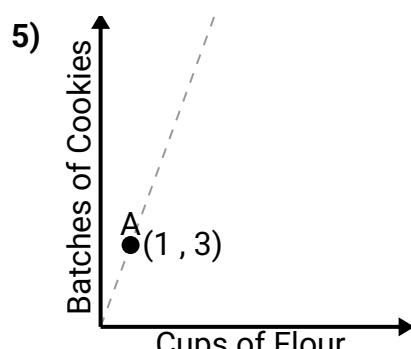
For every cup of flour 3 batches of cookies can be made.

6)

Pieces of Candy / Boxes of Candy — A ●(1 , 22)
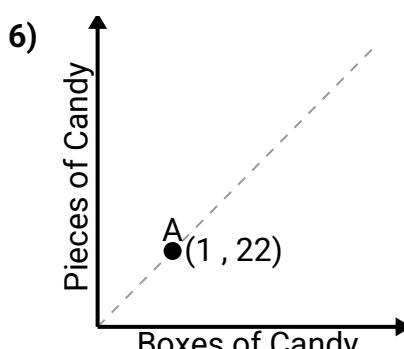
Every box of candy has 22 pieces of candy.