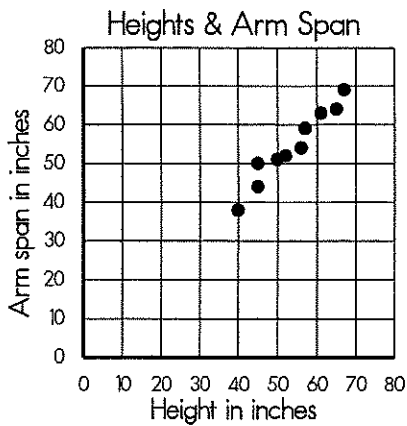
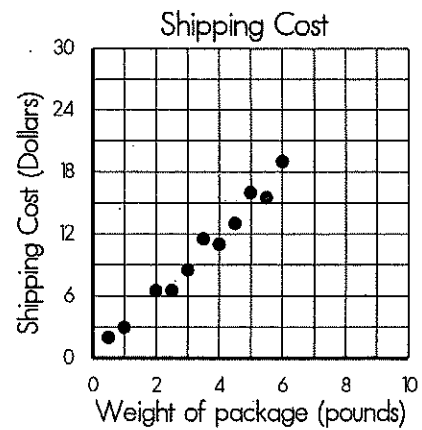


MAKING PREDICTIONS FROM SCATTER PLOTS KEY*Worksheet**Use the scatter plots below to answer the questions.*

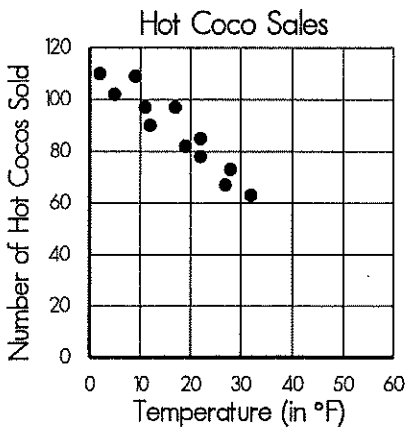
1.

Type of Association: Positive AssociationDescription: As height increases, arm span
increases (increases/decreases)What would you expect the arm span to be for
someone with a height of 75 inches?
75 inches

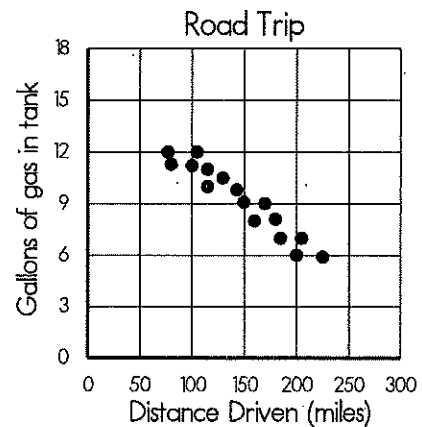
2.

Type of Association: Positive AssociationDescription: As the weight increases, the cost
increases (increases/decreases)What would you expect the weight to be for a
package that costs \$24 to ship?
8 pounds

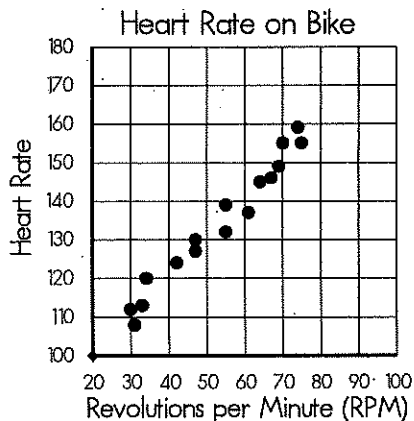
3.

Type of Association: Negative AssociationDescription: As the temperature increases, hot coco
sales decrease (increase/decrease)How many hot coco sales would you expect when
the temperature is 40 degrees?
49 hot cocos

4.

Type of Association: Negative AssociationDescription: As distance driven increases, the gallons
of gas decrease (increase/decrease)How many gallons of gas would you expect to be in
a gas tank after 250 miles driven?
4 gallons

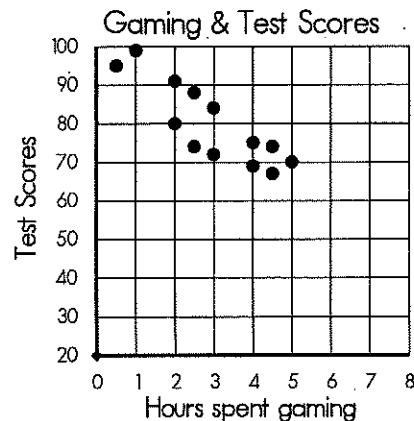
5.

Type of Association: Positive AssociationDescription: As RPM increases, heart rate
increases (Increases/decreases)

What RPM would you expect someone to be going if they had a 170 BPM heart rate?

91 RPM

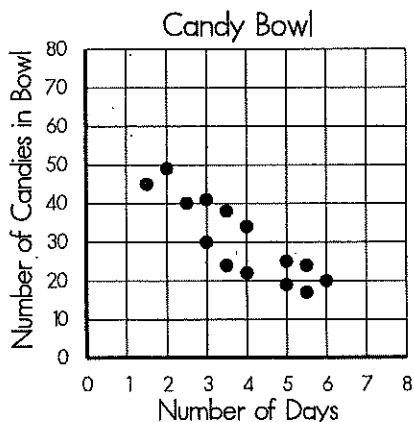
6.

Type of Association: Negative AssociationDescription: As the hours spent gaming increase, test scores
decrease (Increase/decrease)

What test score would you expect someone to get if they spent 6 hours gaming?

60

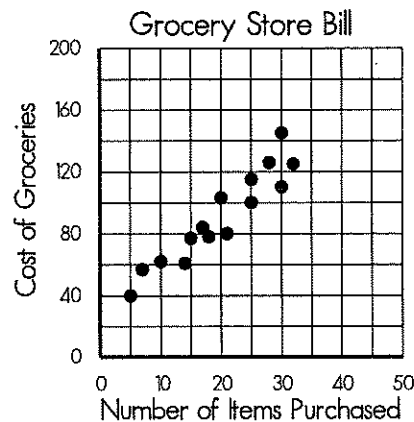
7.

Type of Association: Negative AssociationDescription: As the number of days increase, the number of candies
decrease (increase/decrease)

How many candies would you expect to be in the bowl on day 7?

10 candies

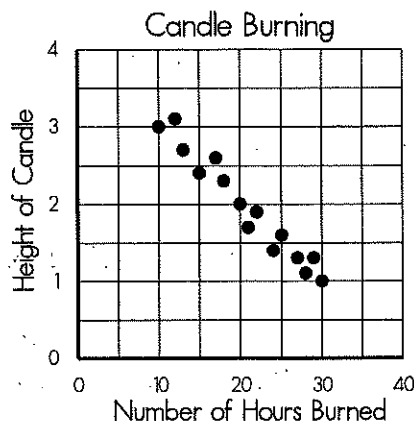
8.

Type of Association: Positive AssociationDescription: As the number of items increase, the cost
increases (increases/decreases)

How many items would you expect someone to have bought if their bill was \$180?

45 items

9.

Type of Association: Negative AssociationDescription: As the hours increase, the height of the candle
decreases (increases/decreases)

After how many hours would you expect the candle to be completely burned out?

40 hours