Activity 1

Select the best answer for each of the questions about the scatter plot.

High Temperatures for the First Two Weeks of October

(y-axis: Temperatures, x-axis: Days of the Month)
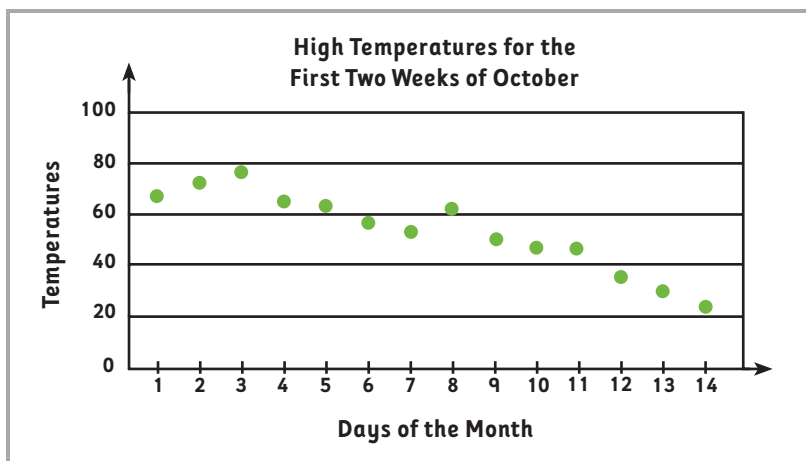
1. How would you describe the pattern in the scatter plot?
   (a) High temperatures are getting higher.
   (b) High temperatures are getting lower.
   (c) High temperatures stay about the same.

2. If you were to predict the high temperature on the 15th of October, what would you predict?
   (a) The high temperature will be between 60–80 degrees.
   (b) The high temperature will be between 40–60 degrees.
   (c) The high temperature will be between 20–40 degrees.

3. If you were to estimate the high temperature on the last day of September of the same year, what would you estimate?
   (a) The high temperature was between 60–80 degrees.
   (b) The high temperature was between 40–60 degrees.
   (c) The high temperature was between 20–40 degrees.

4. How would you describe the relationship between the two variables from looking at the scatter plot?
   (a) The two variables change in the same way.
   (b) The two variables change in opposite ways.
   (c) There is no relationship between the two variables.

Activity 2

Add and subtract the decimal numbers. Be sure to line up the numbers carefully on your paper. Check your answers by rounding to the nearest whole numbers.

1. $34.5 + 29.7$
2. $81.6 - 7.8$
3. $15.01 + 22.33 + 49.87$
4. $201.76 - 89.98$
5. $127.5 + 227.3 + 899.7$
6. $321.5 - 22.09$

Activity 3

Round to the nearest whole number and estimate the answer.

1. $3.1 + 2.4$
2. $9.1 - 4.07$
3. $27.9 + 44.8$
4. $98.01 - 29.8$
5. $129.458 + 634.229$
6. $878.005 - 499.87$

Activity 4 • Distributed Practice

Solve.

1. $300 + 900$
2. $420 - 198$
3. $55 \cdot 8$
4. $420 \div 7$
5. $\frac{3}{4} + \frac{2}{5}$
6. $\frac{5}{9} - \frac{1}{6}$
7. $\frac{1}{2} + \frac{4}{5}$
8. $\frac{13}{4} \div \frac{4}{1}$
9. $\frac{9}{10} - \frac{2}{5}$
10. $\frac{5}{8} \cdot \frac{3}{7}$