



Name _____ Date _____

**Monitoring Progress****Fractions and Decimal Numbers****Part 1**

Solve.

1. $\frac{2}{3} \div \frac{1}{3}$ _____

2. $\frac{2}{5} \cdot \frac{2}{3}$ _____

3. $\frac{1}{4} \div \frac{5}{2}$ _____

4. $\frac{3}{8} + \frac{1}{4}$ _____

5. $\frac{7}{10} - \frac{1}{2}$ _____

6. $\frac{3}{8} \div \frac{1}{3}$ _____

Part 2

Convert the fractions to decimal numbers.

1. $\frac{2}{6}$ _____

2. $\frac{2}{5}$ _____

3. $\frac{1}{3}$ _____

4. $\frac{3}{10}$ _____

5. $\frac{1}{4}$ _____

Part 3

Solve.

1. $25.3 + 5.08$ _____

2. $7.56 - 7.5$ _____

3. $9.4 \cdot 0.2$ _____

4. $3.3 \cdot 0.5$ _____

5. $0.80 \div 0.5$ _____

6. $10.76 \div 0.8$ _____



Name _____ Date _____

 **Monitoring Progress**
Statistics

Part 4

Create a box-and-whisker plot based on the table of data.

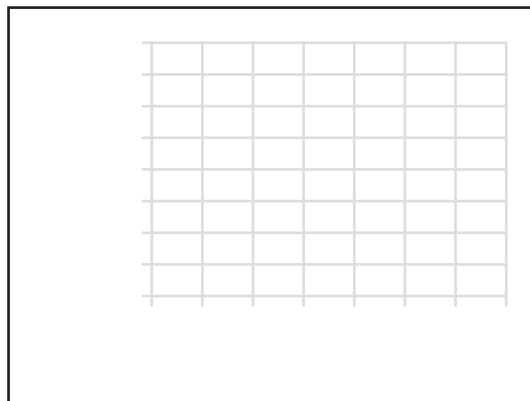
44
45
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1. What would be one score in the lower $\frac{1}{4}$ of the plot? _____
2. What would be one score in the upper $\frac{1}{4}$ of the plot? _____

Part 5

People who work in doctor's offices pay attention to a child's height and weight. They collected information from 10 children. Plot the data from the table below onto the scatter plot.

Height (inches)	Weight (pounds)
35	40
40	48
45	60
50	65
60	80
65	90
67	120
70	140



Tell what kind of relationship this is—direct, indirect, or no relationship.
Tell why you chose this answer.