Name _____ Date _____

Monitoring Progress

Fractions and Decimal Numbers

Part 1

Solve.

1. $\frac{3}{5} + \frac{1}{10}$ _____
2. $\frac{1}{4} \div \frac{1}{2}$ _____
3. $\frac{5}{4} \div \frac{1}{3}$ _____
4. $\frac{4}{3} \cdot \frac{3}{6}$ _____
5. $\frac{3}{4} \cdot \frac{1}{5}$ _____
6. $\frac{3}{5} \div \frac{1}{2}$ _____
7. $\frac{3}{5} \cdot \frac{2}{5}$ _____
8. $\frac{4}{6} \cdot \frac{1}{2}$ _____

Part 2

Convert the fractions to decimal numbers.

1. $\frac{3}{4}$ _____
2. $\frac{2}{5}$ _____
3. $\frac{2}{8}$ _____
4. $\frac{1}{3}$ _____
5. $\frac{5}{10}$ _____

Part 3

Solve.

1. 28.63 + 2.2 _____
2. 54.61 – 4.55 _____
3. 34.14 – 7.9 _____
4. 305.05 + 56.4 _____
5. 87.3 + 21.35 _____

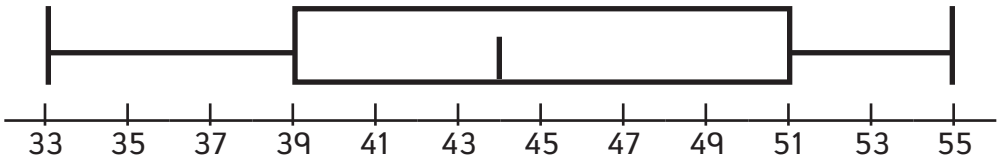
Name _____ Date _____

Monitoring Progress

Box-and-Whisker Plots

Part 4

The box-and-whisker plot shows the number of points scored in the Bobcats' basketball season.



1. The Bobcats played 17 games during the season. What was the median score for the games?

_____

2. You don't know the exact scores for all of the 17 games. What could have been a score for one of the games in the top $\frac{1}{4}$ of the games?

_____

3. What could have been a score in the bottom $\frac{1}{4}$ of the games?

_____

4. What could have been a score in the middle $\frac{1}{2}$ of the games?

_____

5. What was the range of scores?

_____