

2016 Mathematics Standards of Learning
Algebra Readiness Formative Assessment

5.2b

1. Use the number line to order the list of number from least to greatest.

$$\frac{3}{12}, \frac{8}{9}, 0.75, 0.22$$



2. Infiniti chooses the decimal card below

0.15

Sam chooses a decimal card and claims that his decimal is less than Infiniti's. If Sam is correct, give three different examples of decimals that he could have chosen. Then explain how you know that Sam's decimal is less than Infiniti's

3. Which statement is true?
 - a. $2.564 > 2.123$
 - b. $2.524 < 2.032$
 - c. $2.358 > 2.453$
 - d. $2.765 < 2.456$

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4. By dinner time, Martie had finished $\frac{3}{10}$ of the questions from her math homework. Her sister, Lisa, had finished $\frac{1}{7}$ of the questions from her homework. Their friend, Sabrina, had only finished $\frac{3}{8}$ of her homework. Sabrina's sister, Diane, had only done $\frac{3}{12}$ of her homework. Who had finished the greater fraction of her questions?
- Martie
 - Lisa
 - Sabrina
 - Diane
5. The Chart shows the Lifetime Batting Averages for Leading Players

Player	Team	Batting Average
Albert Pujols	St. Louis Cardinals	0.331
Chipper Jones	Atlanta Braves	0.304
Manny Ramirez	Boston Red Sox	0.315
Mike Piazza	San Diego Padres	0.309
Derek Jeter	New York Yankess	0.316

Which shows the players batting average from least to greatest?

- Piazza, Pujols, Jeter
- Jones, Ramirez, Piazza
- Ramirez, Jeter, Pujols
- Pujols, Jones, Jeter