

2016 Mathematics Standards of Learning
Algebra Readiness Formative Assessment

5.1

1. Draw a number line to demonstrate how you would round 1.523 to the nearest whole number, tenth, and hundredth.
2. A decimal number is rounded to 0.41. What might the decimal have been? Explain
3. Charlie bought a pair of jeans. When rounded to the nearest tens, Charlie said the jeans were \$40. Choose each answer that could represent the cost of Charlie's jeans.

| | | | | | |
|---------|---------|---------|---------|---------|---------|
| \$34.99 | \$33.64 | \$35.82 | \$32.99 | \$48.95 | \$39.48 |
|---------|---------|---------|---------|---------|---------|

4. The table shows the science test scores of four students. Which student's score is 98.8 when rounded to the nearest tenth?

| Student | Test Scores |
|---------|-------------|
| Juan | 97.452 |
| Kristen | 98.656 |
| Justin | 98.078 |
| Amelia | 98.765 |

- A. Juan
 - B. Kristen
 - C. Justin
 - D. Amelia
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5. James is weighing his new puppies. Which would round to 5 pounds?
 - A. 4.96 pounds
 - B. 5.96 pounds
 - C. 4.46 pounds
 - D. 5.51 pounds