## 2016 Mathematics Standards of Learning Algebra Readiness Formative Assessment

6.3 c

1. Represent $|4|$ and $|-4|$ on the number line below.

2. What is the absolute value of zero? $\qquad$

Why? $\qquad$
3. Identify the two true statements below.

$$
|6|=-6
$$

$$
|-8|=8
$$

$$
-4=|4|
$$

$$
|-10|=-10
$$

$$
|9|=-9
$$

$$
|52|=52
$$

4. Bunny A and Bunny B are hopping on the number line below. What point should Bunny B hop to in order to have the same absolute value as Bunny A?


Bunny B should hop to point $\qquad$ .

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5. Absolute value is -
A. the distance from zero.
B. shown with the symbols $\|$.
C. never a negative value
D. all of the above.
6. Which point on the number lines below represents the greatest absolute value?
A.

B.

C.

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Virginia Department of Education 2018
