1

One of the top five coldest temperatures ever recorded on Earth was −90°F in Russia. Which of the other recorded temperatures below are colder than that which was recorded in Russia?

Select **Yes** or **No** for options A through D.

A. −135.8 °F, East Antarctica ⊙ Yes ⊙ No

B. −87 °F, Greece   ⊙ Yes ⊙ No

C. −96 °F, Russia   ⊙ Yes ⊙ No

D. −129 °F, Antarctica   ⊙ Yes ⊙ No

2

Cam wrote four statements using absolute value. Which of Cam's statements is *incorrect*?
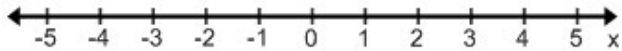
1 $|8| = -8$
2 $|5| = 5$
3 $|-3| = 3$
4 $-|7| = -7$

3

Use the number line to help answer the question.

What has an absolute value of 3?

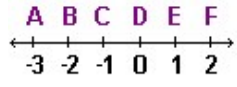1 3, only
2 −3, only
3 3 and −3
4 3, −3, and 0

4

What number is the greatest distance from zero on a number line?

1 −45
2 −50
3 15
4 47

5

$-\dfrac{5}{2}$ is located between what two letters on the number line?

A B C D E F

-3 -2 -1 0 1 2

     1 *A* and *B*
     2 *C* and *D*
     3 *D* and *E*
     4 *E* and *F*