

2016 Mathematics Standards of Learning
Algebra Readiness Formative Assessment

8.1

1. Put the following numbers in ascending order.

$\frac{4}{5}$	1.29	$\sqrt{9}$	85%	$\frac{6}{4}$
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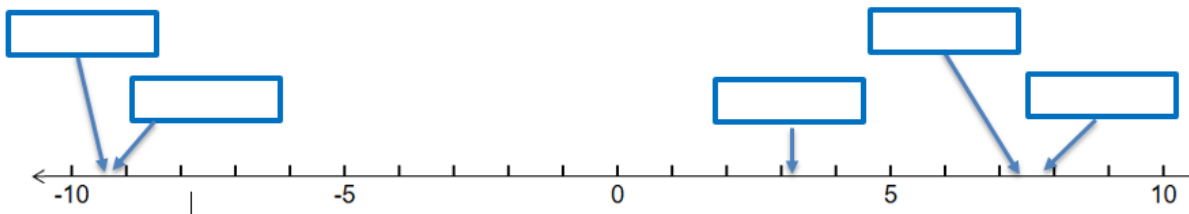
2. Put the following numbers in descending order.

$1\frac{3}{8}$	9.24×10^{-2}	π	1.457×10^5	$-\sqrt{225}$
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3. Place the following numbers on the number line.

- $\sqrt{56}$
- 9.2587...
- π
- 7.99524...
- $-\sqrt{85}$



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4. Which set of numbers are listed in descending order?

A. -66% , -0.45 , $-\frac{1}{3}$, 1.8

B. -66% , $-\frac{1}{3}$, -0.45 , 1.8

C. 1.8 , -66% , -0.45 , $-\frac{1}{3}$

D. 1.8 , $-\frac{1}{3}$, -0.45 , -66%

5. Which number line correctly represents the irrational numbers listed below?

$-\sqrt{40}$

$\sqrt{75}$

$-\sqrt{95}$

$-\sqrt{10}$

$\sqrt{5}$

