

Name

Spiral Review 16

Directions: Show your work for each question

1. Add: $-\frac{15}{16} + \left(-\frac{1}{2}\right)$

Show your work

2. Simplify the expression $(-4)(3)(-1)(-2)$.

A 4

B -4

C 24

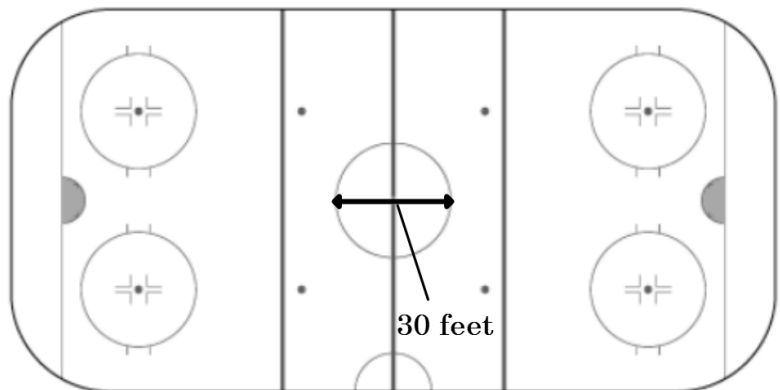
D -24

3. A diagram of a hockey rink is shown. What is the approximate **circumference** of the middle circle?

Use 3.14 for π

Circumference = $2\pi r$

Show your work



Answer _____ ft

4. Part A Simplify the expression below.

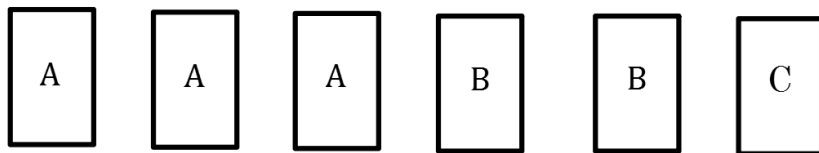
$$-9x + 7 - 8x + 1$$

Answer _____

- Part B Evaluate your answer from Part A when $a = 3$

Answer _____

5. The six cards below are face down on a table. What is the probability that someone will randomly flip over a card with a B on it?



- A** $\frac{1}{6}$ **B** $\frac{1}{2}$ **C** 2 **D** $\frac{1}{3}$

6. Which number sentence is true?

A $\frac{16}{24} = \frac{4}{3}$

C $-(-9) = -9$

B $\frac{-2}{9} = \frac{2}{-9}$

D $-0.5(12) = 6$