| $\dfrac{\sqrt{81}-3\sqrt{4}}{\sqrt{9}}$ | $\dfrac{23}{4\sqrt{25}}$ | $\dfrac{2\sqrt{25}}{\sqrt{64}}$ | $\dfrac{4\sqrt{25}}{4\sqrt{36}}$ | $\dfrac{4\sqrt{36}}{2\sqrt{12}}$ | | A |

an irrational number $\longleftrightarrow$

a rational number that simplifies to a whole number $\longleftrightarrow$

a rational number that terminates in the hundredths place $\longleftrightarrow$

a rational number that repeats $\longleftrightarrow$

Directions: Select all the correct answers.
The art teacher made an assignment for the class to create a map of their neighborhood.

Margie colored in the distance from her best friend's house to her house and wrote on the map that the distance was $0.\overline{63}$ of a mile.

B

Which of the following distances are the same as $0.\overline{63}$ of a mile?

☐ $\dfrac{7}{9}$ of a mile

☐ $\dfrac{21}{33}$ of a mile

☐ $\dfrac{9}{7}$ of a mile

☐ $\dfrac{63}{100}$ of a mile

☐ $\dfrac{9}{11}$ of a mile

☐ $\dfrac{7}{11}$ of a mile

Directions: Type the correct answer in the box. Use numerals instead of words. If necessary, use / for the fraction bar.
Find the fraction equivalent of each of the following numbers in simplest form.

$0.\overline{6} = \boxed{}$

$0.\overline{81} = \boxed{}$

C

$0.5\overline{3} = \boxed{24/45}$