1. Write the following decimals as fractions.

$0.82\overline{3}$ $0.1\overline{4}$

$0.012\overline{3}2$ $0.9\overline{9}$

2. Is there a difference between the following decimals? Convert them to fractions to prove your answer.

$0.722\overline{4}$ vs. $0.722\overline{4}2$
3. Think of a situation where you might want to represent a repeating decimal as a fraction in real life... Can you? Will this math ever really matter, or is it just “fun” math? Share your thoughts.