

Homework!

1. Write the following decimals as fractions.

$$0.8\overline{23}$$

$$0.\overline{14}$$

$$0.012\overline{32}$$

$$0.\overline{99}$$

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

$$0.72\overline{24}$$

vs.

$$0.722\overline{42}$$

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.