1. Decimals are just fractions whose denominators are powers of 10. Change the decimals, 0.6, 0.783, and 0.29 to fractions and add them by finding a common denominator. In was way(s) is this easier than adding fractions such as $\frac{2}{7}$, $\frac{5}{6}$, and $\frac{4}{3}$?

2. A student says the fraction $\frac{42}{150}$ should be repeating decimal because the factors of the denominator include a 3 as well as 2s and 5s. But on her calculator $42 \div 150$ seems to terminate. How would you explain this?