Name Answer Key Date

Rational Numbers as Decimals #2

You can write any rational number as a decimal using long division. Remember that the decimal form of a rational number will either terminate or repeat. Try it! Write each rational number as a decimal using long division. Write repeating decimals with a bar over any digits that repeat.

1. $\frac{7}{8} =$ 0.875
2. $-\frac{2}{9} =$ $-0.\overline{2}$
3. $-\frac{13}{6} =$ $-2.1\overline{6}$
4. $\frac{27}{20} =$ 1.35
5. $-\frac{41}{12} =$ $-3.41\overline{6}$
6. $-\frac{11}{15} =$ $-0.7\overline{3}$
7. $-2\frac{3}{50} =$ −2.06
8. $\frac{19}{40} =$ 0.475
9. $\frac{76}{33} =$ $2.\overline{30}$
10. $4\frac{7}{22} =$ $4.3\overline{18}$
11. $-\frac{91}{25} =$ −3.64
12. $-\frac{73}{30} =$ $-2.4\overline{3}$
13. $6\frac{5}{16} =$ 6.3125
14. $3\frac{16}{45} =$ $3.3\overline{5}$
15. $-7\frac{1}{60} =$ $-7.01\overline{6}$