

Name: _____ Period: _____ Date: _____

Converting Fractions and Decimals

Assignment

Math 8

Convert each fraction to a decimal, then determine if its decimal expansion is repeating or terminating.

1. $\frac{3}{125}$

2. $3\frac{9}{20}$

3. $\frac{9}{11}$

4. $5\frac{5}{6}$

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5. $1\frac{9}{16}$

6. $\frac{12}{99}$

Convert each terminating decimal to a fraction.

7. 0.012

8. 3.06

9. 129.0002

10. -13.104

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11. 50.24

12. -7.34

Convert each repeating decimal to a fraction.

13. 0.5555555

14. 2.322222222

15. 8.66666666

16. 4.5181818

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17. $2.24\overline{6}$

18. $2.83\overline{35}$