

Converting a fraction to a repeating decimal: Basic: Worksheet 8.2

Name Date Score

Convert the following fractions into decimals. If necessary, use a bar to indicate which digit or group of digits repeats.

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

2. $\frac{1}{6}$

3. $\frac{1}{7}$

4. $\frac{1}{9}$

5. $\frac{8}{9}$

6. $\frac{1}{11}$

7. $\frac{2}{11}$

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

9. $\frac{4}{11}$

10. $\frac{5}{11}$



Solutions: Worksheet 8.2

1. $0.\bar{3}$
2. $0.1\bar{6}$
3. $0.\overline{142857}$
4. $0.\bar{1}$
5. $0.\bar{8}$
6. $0.\bar{9}$
7. $0.\overline{18}$
8. $0.\overline{27}$
9. $0.\overline{36}$
10. $0.\overline{45}$

