

Converting a fraction to a repeating decimal: Advanced Worksheet 9.1

Name Date Score

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

1. $\frac{4}{3}$
2. $\frac{7}{6}$
3. $\frac{10}{9}$
4. $\frac{8}{7}$
5. $\frac{5}{3}$
6. $\frac{7}{3}$
7. $\frac{11}{6}$
8. $\frac{8}{3}$
9. $\frac{13}{6}$
10. $\frac{11}{3}$



Solutions: Worksheet 9.1

1. $1.\bar{3}$
2. $1.1\bar{6}$
3. $1.\bar{1}$
4. $1.\overline{142857}$
5. $1.\bar{6}$
6. $2.\bar{3}$
7. $1.8\bar{3}$
8. $2.\bar{6}$
9. $2.1\bar{6}$
10. $3.\bar{6}$

