

Converting a fraction to a repeating decimal: Advanced Worksheet 9.3

Name Date Score

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

1. $20/3$
2. $25/6$
3. $13/9$
4. $10/7$
5. $22/3$
6. $23/3$
7. $29/6$
8. $25/3$
9. $31/6$
10. $26/3$



Solutions: Worksheet 9.3

1. $6.\bar{6}$
2. $4.1\bar{6}$
3. $1.\bar{4}$
4. $1.\overline{428571}$
5. $7.\bar{3}$
6. $7.\bar{6}$
7. $4.8\bar{3}$
8. $8.\bar{3}$
9. $5.1\bar{6}$
10. $8.\bar{6}$

