

Terminating and Repeating Decimals

Directions: Divide each Fraction to find the decimal. Tell whether the decimal is Terminating or Repeating. Then Choose the letter that expresses the correct way to Write decimal.

_____ 1. $\frac{5}{8}$ a. 0.625..... b. $0.\overline{625}$ c. 0.625 1. _____

_____ 2. $\frac{12}{40}$ a. 0.3 b. $0.\overline{3}$ c. 0.33 2. _____

_____ 3. $\frac{11}{12}$ a. 0.916 b. $0.91\overline{6}$ c. $0.\overline{916}$ 3. _____

_____ 4. $\frac{4}{9}$ a. 0.4 b. $0.\overline{4}$ c. $0.\overline{44}....$ 4. _____

_____ 5. $\frac{33}{100}$ a. 0.3 b. $0.\overline{3}$ c. 0.33 5. _____

_____ 6. $\frac{1}{7}$ a. 0.142857 b. $0.1428\overline{57}$ c. $0.1428\overline{57}$ 6. _____

_____ 7. $2\frac{8}{11}$ a. 0.72 b. 2.72 c. $2.\overline{72}$ 7. _____

_____ 8. $7\frac{19}{22}$ a. 7.863 b. $7.86\overline{3}$ c. $7.\overline{863}$ 8. _____

_____ 9. $\frac{15}{8}$ a. 1.875 b. $1.87\overline{5}$ c. $1.\overline{875}$ 9. _____

_____ 10. $\frac{55}{48}$ a. 1.14583 b. $1.1458\overline{3}$ c. $1.145\overline{83}$ 10. _____