

Repeating decimals

Grade 5 Decimals Worksheet

Convert to decimals and round to 3 digits if necessary.
Circle the repeating decimals.

1) $8\frac{2}{3} =$ _____ 2) $2\frac{7}{11} =$ _____ 3) $9\frac{1}{8} =$ _____

4) $4\frac{3}{10} =$ _____ 5) $2\frac{2}{9} =$ _____ 6) $5\frac{4}{12} =$ _____

7) $9\frac{1}{4} =$ _____ 8) $6\frac{8}{10} =$ _____ 9) $5\frac{4}{5} =$ _____

10) $5\frac{1}{2} =$ _____ 11) $7\frac{7}{12} =$ _____ 12) $7\frac{1}{5} =$ _____

13) $7\frac{7}{8} =$ _____ 14) $6\frac{11}{15} =$ _____ 15) $2\frac{3}{9} =$ _____

16) $1\frac{3}{4} =$ _____ 17) $3\frac{9}{11} =$ _____ 18) $1\frac{2}{6} =$ _____

19) $3\frac{1}{2} =$ _____ 20) $6\frac{2}{11} =$ _____ 21) $4\frac{2}{3} =$ _____

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1) $8\frac{2}{3} = 8.667$ 2) $2\frac{7}{11} = 2.636$ 3) $9\frac{1}{8} = 9.125$

4) $4\frac{3}{10} = 4.3$ 5) $2\frac{2}{9} = 2.222$ 6) $5\frac{4}{12} = 5.333$

7) $9\frac{1}{4} = 9.25$ 8) $6\frac{8}{10} = 6.8$ 9) $5\frac{4}{5} = 5.8$

10) $5\frac{1}{2} = 5.5$ 11) $7\frac{7}{12} = 7.583$ 12) $7\frac{1}{5} = 7.2$

13) $7\frac{7}{8} = 7.875$ 14) $6\frac{11}{15} = 6.733$ 15) $2\frac{3}{9} = 2.333$

16) $1\frac{3}{4} = 1.75$ 17) $3\frac{9}{11} = 3.818$ 18) $1\frac{2}{6} = 1.333$

19) $3\frac{1}{2} = 3.5$ 20) $6\frac{2}{11} = 6.182$ 21) $4\frac{2}{3} = 4.667$