Fractions, Decimals, and Percents Practice Problems

Now you get a chance to work out some problems. You may use a calculator if you would like. Study each of these problems carefully; you will see similar problems on the lesson knowledge check. You should get out a piece of paper and a pencil to complete the practice problems.

For the following problems, convert each decimal to a percent.

1) 0.25

2) 0.36

3) 0.48

4) 0.343

5) 0.771

6) 1.42

7) 2.58

8) 4.976

9) 16.1814

10) 533.01

11) 2

12) 14

For the following problems, convert each percent to a decimal.

1) 15%

2) 43%

3) 16.2%

4) 53.8%

5) 5.05%

6) 6.11%

7) 0.78%

8) 0.88%

9) 0.09%

10) 0.001%

For the following problems, convert each fraction to a percent.

1) $\dfrac{1}{5}$

2) $\dfrac{3}{5}$

3) $\dfrac{5}{8}$

4) $\dfrac{1}{16}$

5) $\dfrac{7}{25}$

6) $\dfrac{16}{45}$

7) $\dfrac{27}{55}$

8) $\dfrac{15}{8}$

9) $\dfrac{41}{25}$

10) $6\frac{4}{5}$

11) $9\frac{9}{20}$

12) $\frac{1}{200}$

13) $\frac{6}{11}$

14) $\frac{35}{27}$

For the following problems, convert each percent to a fraction.

1) 80%

2) 60%

3) 25%

4) 75%

5) 65%

6) 18%

7) 12.5%

8) 37.5%

9) 512.5%

10) 937.5%

11) 9.9%

12) 55.5%

Resource:

Practice exercises from:

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