
Fractions, decimals & percents
practice test

Unit 3

Tell what place value the underlined digit is in.

1. 4,256.38

2. 27.404

Round the decimal as specified.

3. 148,487 (nearest hundreds)

4. 2.2949 (nearest hundredth)

Convert each fraction or percent to a decimal.
Round to the nearest hundredth if necessary.

5. 27%

6. $\frac{3}{5}$

7. 15.5%

8. $\frac{4}{7}$

Convert each percent or decimal to a simplified fraction.

9. 38%

10. 0.04

11. 225%

12. 0.65

Convert each fraction or decimal to a percent.
Round to the nearest hundredth if necessary.

13. 4.92

14. $\frac{9}{5}$

Complete the statement using <, >, or =.

15. 6.5 _____ 6.45

16. $0.\overline{3}$ _____ 0.3

17. -0.34 _____ -0.32

Compare the following using <, > or =.

18. $\frac{2}{7}$ _____ $\frac{3}{8}$

19. $-\frac{3}{4}$ — $-\frac{5}{12}$

Write in order from least to greatest.

20. 6.54, $\frac{9}{5}$, 95%, 0.65

21. $0.\overline{3}$, 0.56, 0.056, 0.3

Write in order from greatest to least.

22. 7.34, 7.276, 7.3057, 7.266

23. $\frac{3}{4}$, $\frac{3}{5}$, $\frac{2}{5}$, $\frac{1}{4}$

Simplify each. Leave your answer as an improper number when possible.

24. $\frac{12}{28}$

26. $\frac{40}{8}$

25. $\frac{14}{28}$

27. $\frac{16}{12}$

