

LESSON

6-2

Practice B

Fractions, Decimals, and Percents

Write each decimal as a percent.

1. 0.17

2. 0.56

3. 0.04

4. 0.7

5. 0.025

6. 0.803

7. 0.3

8. 0.072

Write each fraction as a percent.

9. $\frac{13}{40}$

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

11. $\frac{3}{20}$

12. $\frac{5}{12}$

13. $\frac{5}{16}$

14. $\frac{3}{80}$

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

16. $\frac{19}{25}$

Order the numbers from least to greatest.

17. 0.3, $\frac{19}{40}$, 22%

18. 11%, $\frac{1}{11}$, $\frac{2}{19}$

19. $\frac{5}{8}$, 0.675, 5.8%

20. -0.35, 0.051, -21%

21. $\frac{1}{9}$, 0.351, 27%

22. 0.08, $-\frac{4}{5}$, 0.8

Decide whether pencil and paper, mental math, or a calculator is most useful when solving the following problem. Then solve.

23. The police use a speed gun to monitor one part of a highway. During one hour, 6 out of 25 cars were traveling above the speed limit. What percent of the cars were traveling above the speed limit?
- _____
- _____