LESSON	**Practice A**
6-2	*Fractions, Decimals, and Percents*

Compare. Write <, >, or =.

1. 0.16 ☐ $\dfrac{1}{10}$

2. $\dfrac{3}{5}$ ☐ 60%

3. $\dfrac{3}{10}$ ☐ 0.03

4. $\dfrac{12}{50}$ ☐ $\dfrac{4}{10}$

5. 34% ☐ $\dfrac{3}{4}$

6. 32% ☐ 0.23

Write each decimal as a percent.

7. 0.34

8. 0.08

9. 0.19

10. 0.64

11. 0.561

12. 0.049

13. 0.105

14. 0.9

Write each fraction as a percent.

15. $\dfrac{1}{4}$

16. $\dfrac{7}{50}$

17. $\dfrac{15}{16}$

18. $\dfrac{9}{20}$

19. $\dfrac{7}{8}$

20. $\dfrac{9}{40}$

21. $\dfrac{11}{50}$

22. $\dfrac{4}{5}$

Decide whether to use pencil and paper, mental math, or a calculator. Then solve.

23. In a survey, 25 students were asked whether they prefer orange juice or grapefruit juice. Seventeen students said they prefer orange juice. What percent of the students surveyed said they prefer orange juice?

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Holt McDougal Mathematics

LESSON	**Practice A**
6-4	*Percent of a Number*

45	72	12	27	19	1.2	129	1.9	180
343	128	24	0.19`	216	60	81	6	75

Find the percent of each number. Match each answer with a number in the box.

1. 60% of 40

2. 15% of 80

3. 5% of 120

4. 1% of 190

_____

5. 120% of 50

6. 43% of 300

7. 150% of 30

8. 36% of 600

_____

9. 9% of 800

10. 200% of 64

11. 27% of 300

12. 225% of 12

_____

Find the percent of each number. Check whether your answer is reasonable.

13. 20% of 75

14. 25% of 64

15. 4% of 75

16. 125% of 60

_____

17. 2% of 400

18. 160% of 80

19. 12% of 50

20. 230% of 70

_____

21. 87% of 500

22. 28% of 250

23. 500% of 25

24. 3% of 300

_____

25. The highest recorded temperature in Alaska occurred in 1915 at 100 °F. The highest recorded temperature in Indiana occurred in 1936 and was 16% higher than the highest temperature in Alaska. What is the highest recorded temperature in Indiana?

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