Name _____   Date _____

Percent: Skill 5 - 27B

Example 1 (Also the answer to test question 27B)

	Written as a percent.	Written as a fraction.	Written as a decimal.
	7% (7 shaded parts out of 100 parts)	$\dfrac{7}{100}$	$7\% = \dfrac{7}{100} = 7 \div 100 = 0.07$ $7\% = 0.07$

Example 2

	Written as a percent.	Written as a fraction.	Simplify the fraction.	Written as a decimal.
	25%	$\dfrac{25}{100}$	$\dfrac{25}{100} = \dfrac{25 \div 25}{100 \div 25} = \dfrac{1}{4}$	25 hundredths = 0.25

Directions: Write each fraction as a percent. The first one is done for you.

1. $\dfrac{30}{100} = 30\%$　　2. $\dfrac{45}{100}$　　3. $\dfrac{90}{100}$　　4. $\dfrac{7}{100}$

5. $\dfrac{12}{100}$　　6. $\dfrac{75}{100}$　　7. $\dfrac{1}{100}$　　8. $\dfrac{25}{100}$

Directions: Write each percent as a decimal. Also write the decimal in simplest form. The first one is done for you.

9. $80\% = 0.80 = 0.8$　　10. 63%　　11. 30%

12. 12%　　13. 45%　　14. 72%

15. 95%　　16. 70%　　17. 33%

Directions: Write each percent as a fraction in simplest form, a decimal in simplest form. The first one is done for you.

18.

percent	60%
fraction	$\dfrac{60}{100} = \dfrac{3}{5}$
decimal	$0.60 = 0.6$

19.

percent	25%
fraction	
decimal	

Percent: Skill 5 - 27B

20.

   percent _____33%_____

     fraction _____

     decimal _____

21.

   percent _____50%_____

     fraction _____

     decimal _____

22.

   percent _____75%_____

     fraction _____

     decimal _____

23.

   percent _____12%_____

     fraction _____

     decimal _____

24.

   percent _____20%_____

     fraction _____

     decimal _____

25.

   percent _____28%_____

     fraction _____

     decimal _____

26.

   percent _____35%_____

     fraction _____

     decimal _____

27.

   percent _____45%_____

     fraction _____

     decimal _____

28.

   percent _____40%_____

     fraction _____

     decimal _____

29.

   percent _____59%_____

     fraction _____

     decimal _____

Percent: Skill 5 - 27B

Directions: Write the fraction $\dfrac{1}{4}$ as a percent.

Divide the numerator by the denominator.	$\dfrac{1}{4}$ = $4\overline{)1.00}^{\,0.25}$ 0.25 = 25%

Or, write an equivalent fraction with 100 as the denominator.	$\dfrac{1}{4}$ = $\dfrac{1 \times 25}{4 \times 25}$ = $\dfrac{25}{100}$ $\dfrac{25}{100}$ = 25%

Directions: Write each fraction as a percent. The first one is done for you.

One solution is to divide.	Another solution – find an equivalent fraction.
30. $\dfrac{4}{5}$ $\dfrac{4}{5}$ = $5\overline{)4.00}^{\,0.80}$ 0.80 = 80%	$\dfrac{4}{5}$ = $\dfrac{4 \times 20}{5 \times 20}$ = $\dfrac{80}{100}$ $\dfrac{80}{100}$ = 80%

31. $\dfrac{7}{10}$	**32.** $\dfrac{8}{20}$	**33.** $\dfrac{1}{2}$
34. $\dfrac{3}{5}$	**35.** $\dfrac{3}{4}$	**36.** $\dfrac{5}{25}$
37. $\dfrac{2}{5}$	**38.** $\dfrac{9}{10}$	**39.** $\dfrac{25}{100}$

Percent: Skill 5 - 27B

Directions: Write each percent as a decimal. The first one is done for you.

40. 5% $5\% = \dfrac{5}{100} = 100\overline{)5.00}^{\,0.05}$ $5\% = 0.05$

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41. 7%

42. 12%

43. 3%

44. 45%

45. 9%

46. 36%

47. 60%

48. 8%

Directions: Write each fraction as a percent. The first one is done for you.

1. $\dfrac{30}{100} = 30\%$ **2.** $\dfrac{45}{100} = 45\%$ **3.** $\dfrac{90}{100} = 90\%$ **4.** $\dfrac{7}{100} = 7\%$

5. $\dfrac{12}{100} = 12\%$ **6.** $\dfrac{75}{100} = 75\%$ **7.** $\dfrac{1}{100} = 1\%$ **8.** $\dfrac{25}{100} = 25\%$

Directions: Write each percent as a decimal. Also write the decimal in simplest form. The first one is done for you.

9.   80% = 0.80 = 0.8   **10.**   63% = 0.63   **11.**   30% = 0.30 = 0.3

12.   12% = 0.12   **13.**   45% = 0.45   **14.**   72% = 0.72

15.   95% = 0.95   **16.**   70% = 0.70 = 0.7   **17.**   33% = 0.33

Directions: Write each percent as a fraction in simplest form, a decimal in simplest form ad a ratio. The first one is done for you.

18.

percent	60%
fraction	$\dfrac{60}{100} = \dfrac{3}{5}$
decimal	0.60 = 0.6

19.

percent	25%
fraction	$\dfrac{25}{100} = \dfrac{1}{4}$
decimal	0.25

20.

percent	33%
fraction	$\dfrac{33}{100}$
decimal	0.33

21.

percent	50%
fraction	$\dfrac{50}{100} = \dfrac{1}{2}$
decimal	0.50 = 0.5

22.

percent	75%
fraction	$\dfrac{75}{100} = \dfrac{3}{4}$
decimal	0.75

23.

percent	12%
fraction	$\dfrac{12}{100} = \dfrac{3}{25}$
decimal	0.12

24.

percent	20%
fraction	$\dfrac{20}{100} = \dfrac{1}{5}$
decimal	0.20 = 0.2

25.

percent	28%
fraction	$\dfrac{28}{100} = \dfrac{7}{25}$
decimal	0.28

26.

percent	35%
fraction	$\dfrac{35}{100} = \dfrac{7}{20}$
decimal	0.35

27.

percent	45%
fraction	$\dfrac{45}{100} = \dfrac{9}{20}$
decimal	0.45

28.

percent	40%
fraction	$\dfrac{40}{100} = \dfrac{2}{5}$
decimal	0.40 = 0.4

29.

percent	59%
fraction	$\dfrac{59}{100}$
decimal	0.59

Directions: Write each fraction as a percent. The first one is done for you.

30. $\dfrac{4}{5} = 80\%$

31. $\dfrac{7}{10} = 70\%$

32. $\dfrac{8}{20} = 40\%$

33. $\dfrac{1}{2} = 50\%$

34. $\dfrac{3}{5} = 60\%$

35. $\dfrac{3}{4} = 75\%$

36. $\dfrac{5}{25} = 20\%$

37. $\dfrac{2}{5} = 40\%$

38. $\dfrac{9}{10} = 90\%$

39. $\dfrac{25}{100} = 25\%$

Directions: Write each percent as a decimal. Also write the decimal in simplest form. The first one is done for you.

40. $5\% = 0.05$

41. $7\% = 0.07$

42. $12\% = 0.12$

43. $3\% = 0.03$

44. $45\% = 0.45$

45. $9\% = 0.09$

46. $36\% = 0.36$

47. $60\% = 0.60 = 0.6$

48. $8\% = 0.08$