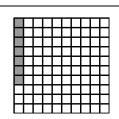
# Percent: Skill 5 - 27B

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



Written as a percent.

7% (7 shaded parts out of 100 parts)

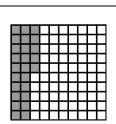
Written as a fraction.

100

Written as a decimal.

$$7\% = \frac{7}{100} = 7 \div 100 = 0.07$$

### Example 2



Written as a percent.

25%

Written as a fraction.

Simplify the fraction.

 $\frac{25}{100} = \frac{25 \div 25}{100 \div 25} = \frac{1}{4}$ 

Written as a decimal.

25 hundredths = 0.25

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

1. 
$$\frac{30}{100} = 30\%$$

2. 
$$\frac{45}{100}$$

3. 
$$\frac{90}{100}$$

4. 
$$\frac{7}{100}$$

6. 
$$\frac{75}{100}$$

7. 
$$\frac{1}{100}$$

8. 
$$\frac{25}{100}$$

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

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

18.

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

19.

Name		Date	
		Percent: Skill 5 - 27B	
20.		21.	
percent	33%	percent	50%
22.		23.	
percent	75%	percent	12%
fraction		fraction	
24.		25.	
percent	20%	percent	28%
fraction		fraction	
26.		27.	
percent	35%	percent	45%
28.		29.	
percent	40%	percent	59%

Page 2

fraction \_\_\_\_\_

decimal \_\_\_\_\_

fraction \_\_\_\_\_

decimal \_\_\_\_\_

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# Percent: Skill 5 - 27B

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

Divide the numerator by the denominator.

$$\frac{1}{4} = 4 )1.00 \qquad 0.25 = 25\%$$

Or, write an equivalent fraction with 100 as the denominator.

$$\frac{1}{4} = \frac{1 \times 25}{4 \times 25} = \frac{25}{100}$$
  $\frac{25}{100} = 25\%$ 

$$\frac{25}{100} = 25\%$$

**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. 
$$\frac{4}{5}$$
  $\frac{4}{5} = 5\frac{0.80}{4.00}$ 

$$\frac{4}{5} = \frac{4 \times 20}{5 \times 20} = \frac{80}{100}$$
  $\frac{80}{100} = 80\%$ 

$$\frac{80}{100} = 80\%$$

**31**. 
$$\frac{7}{10}$$

**32.** 
$$\frac{8}{20}$$

33.
$$\frac{1}{2}$$

34. 
$$\frac{3}{5}$$

**35.** 
$$\frac{3}{4}$$

36. 
$$\frac{5}{25}$$

37.
$$\frac{2}{5}$$

38.
$$\frac{9}{10}$$

**39.** 
$$\frac{25}{100}$$

# Percent: Skill 5 - 27B

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

**40**. 5%

$$5\% = \frac{5}{100} = \frac{0.05}{100 \, 5.00} \qquad 5\% = 0.05$$

**41.** 7%

42.	12%

**43**. 3%

**45**. 9%

**47.** 60%

#### Answer Key 5-27B

Page1

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

1. 
$$\frac{30}{100} = 30\%$$

$$\frac{2.}{100} = 45\%$$

$$\frac{90}{100} = 90\%$$

4. 
$$\frac{7}{100} = 7\%$$

5. 
$$\frac{12}{100} = 12\%$$

6. 
$$\frac{75}{100} = 75\%$$

7. 
$$\frac{1}{100} = 1\%$$

8. 
$$\frac{25}{100} = 25\%$$

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

9. 
$$80\% = 0.80 = 0.8$$

**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%	
-	60 _ 3	
fraction	100 5	-
decimal	0.60 = 0.0	6

19.

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

20.

percent	33%
	33
fraction	100
decimal	0.33

21.

percent	50%
	50 _ 1
fraction	100 2
decimal	0.50 = 0.5

22.

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

23.

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

24.

20%
20 _ 1
$\frac{100}{100} = \frac{1}{5}$
0.20 = 0.2

25.

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

26.

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

27.

percent _	45%		
	45	9	
fraction _	100	20	
decimal	0.4	15	

28.

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

29.

percent	59%
•	59
fraction	100
decimal	0.59

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

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

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

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

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

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

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

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

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

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

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

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

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