

7th Grade
Jan 5, 2021

Today we will:

- review HW
- work on classwork
WS

HOMEWORK:

Complete Pg253 WS

THQ due FRIDAY

ALEKS assignment:
60 min and 5 topics
due Jan 12



NAME _____ DATE _____ PERIOD _____

Lesson 1 Homework Practice

Using the Percent Proportion

Use the percent proportion to solve each problem. Round to the nearest tenth, if necessary.

1. 128 is what percent of 640?

20%

$$\frac{128}{640} = \frac{P}{100}$$

2. What percent of 21 is 28?

133.3%

$$\frac{28}{21} = \frac{P}{100}$$

3. 3.4 is what percent of 5?

68%

4. What percent of 930 is 720?

77.4%

$$\frac{720}{930} = \frac{P}{100}$$

5. 15 is what percent of 120?

12.5%

$$\frac{15}{120} = \frac{P}{100}$$

6. What percent of 24 is 21?

87.5%

$$\frac{21}{24} = \frac{P}{100}$$

7. 36 is what percent of 40?

90%

8. What percent of 48 is 0.6?

1.3%

$$\frac{0.6}{48} = \frac{P}{100}$$

9. 12 is 80% of what number?

15

$$\frac{12}{X} = \frac{80}{100}$$

10. 15 is 4% of what number?

375

$$0.04X = 15$$

11. 33 is 90% of what number?

36.7

$$\frac{33}{X} = \frac{90}{100}$$

12. 0.24 is 36% of what number?

0.7

$$\frac{0.24}{X} = \frac{36}{100}$$

$$X = 0.666 \dots$$

$$40.7$$

13. 19 is 10% of what number?

190

14. 49 is 77% of what number?

63.6

15. Stacia has saved \$36 toward the purchase of a new MP3 player. This is 28% of the total price. What is the price of the MP3 player? **\$128.57**

$$\frac{36}{X} = \frac{28}{100}$$

16. About 42% of a paint mix is white. A painter orders 18 gallons of the paint mix. How much of it is white? **7.56 gallons**

$$\frac{X}{18} = \frac{42}{100}$$





Name _____

Pg 253

CLASSWORK

Unit ____ Lesson ____ Due Date _____

Show your work on the lines UNDER THESE PROBLEMS. You will not get credit for doing the homework if you do not show work. LABEL each problem and go down the left margin. Use the back if necessary.

Independent Practice

Go online for Step-by-Step Solutions



Use the percent proportion to solve each problem. (Examples 1-3)

- 13. 4% of what number is 10?
- 14. 55% of what number is 22?
- 15. 21 is what percent of 50?
- 16. 16 is what percent of 64?
- 17. What percent of 145 is 52.2?
- 18. What percent of 36 is 19.8?
- 19. What is 60% of 120?
- 20. What is 80% of 125?
- 21. Find 65% of 440.
- 22. Find 83% of 200.
- 23. 12 is 40% of what number?
- 24. 34 is 20% of what number?
- 25. 80% of what number is 12?
- 26. 4% of what number is 15?
- 27. Sixteen of the 80 dogs at a kennel are golden retrievers. What percent of the dogs at the kennel are golden retrievers? (Example 4)
- 28. The number of lime-flavored gumballs in a gumball machine is 85. If this is 17% of the number of gumballs in the machine, how many gumballs are in the machine? (Example 4)

Blank lined area for student work.