Name _____

Proportion to Percentage

To find the percentage of a proportion, divide the proportion by the whole and move the decimal point. Example: What is the percentage for 30 of 50? Divide 30 by 50 and move the decimal point to the right 2 places and append the percent sign: 30 ÷ 50 = 0.6 When you move the decimal point to the right by 2 places and add the percent sign, you have 60%.

Use the same method to solve the problems below.

1. 50 of 72 = _____%

2. 40 of 95 = _____%

3. 22 of 35 = _____%

4. 34 of 87 = _____%

5. 50 of 100 = _____%

6. 25 of 100 = _____%

7. 75 of 100 = _____%

8. 35 of 40 = _____%

9. 30 of 60 = _____%

10. 15 of 70 = _____%

11. 50 of 60 = _____%

12. 20 of 40 = _____%

13. 30 of 35 = _____%

14. 33 of 57 = _____%

15. 12 of 32 = _____%

16. 27 of 65 = _____%

17. 16 of 50 = _____%

18. 33 of 90 = _____%

19. 10 of 10 = _____%

20. 10 of 100 = _____%

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Proportion to Percentage

To find the percentage of a proportion, divide the proportion by the whole and move the decimal point. Example: What is the percentage for 30 of 50? Divide 30 by 50 and move the decimal point to the right 2 places and append the percent sign: 30 ÷ 50 = 0.6 When you move the decimal point to the right by 2 places and add the percent sign, you have 60%.

Use the same method to solve the problems below.

1. 50 of 72 = **69.4%**

2. 40 of 95 = **42.1%**

3. 22 of 35 = **62.8%**

4. 34 of 87 = **39%**

5. 50 of 100 = **50%**

6. 25 of 100 = **25%**

7. 75 of 100 = **75%**

8. 35 of 40 = **87.5%**

9. 30 of 60 = **50%**

10. 15 of 70 = **21.4%**

11. 50 of 60 = **83.3%**

12. 20 of 40 = **50%**

13. 30 of 35 = **85.7%**

14. 33 of 57 = **57.8%**

15. 12 of 32 = **37.5%**

16. 27 of 65 = **41.5%**

17. 16 of 50 = **32%**

18. 33 of 90 = **36.6%**

19. 10 of 10 = **100%**

20. 10 of 100 = **10%**

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