

It is expected that you spend 30 FOCUSED, UNINTERRUPTED minutes on this homework. Should you reach that time limit and the homework is not completed, an adult at home may sign your work, showing me that you worked hard until the time limit. You will earn 2 points for a completed homework OR a signature.

HOT PROBLEMS (do these first!): 1, 3, 5, 7, 9, 11, 13, 15

Write the percent as a fraction in its simplest form.

1. 24%

2. 87%

Write the fraction as a percent.

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

4. $\frac{16}{20}$

5. $\frac{13}{25}$

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

Find the percent of the number.

7. 20% of 80

8. 35% of 100

9. 75% of 68

10. 60% of 85

11. 36% of 72

12. 125% of 60

13. 48% of 90

14. 62.5% of 70

Use the proportion we learned in class to solve the following problems.

15. What percent of 30 is 5?

16. What percent of 70 is 35?

17. What is 32% of 80?

18. 40 is 75% of what number?

19. In a survey, 525 teenagers were asked to name the water sport that they would most like to try and 20% said surfing. How many teenagers said surfing?