

Name: \_\_\_\_\_

Due Date: \_\_\_\_\_

Teacher: \_\_\_\_\_

Parent Sign: \_\_\_\_\_

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Questions

1. What does the word "percent" mean?
2. What fraction is 1%?
3. What fraction is 50%?
4. What decimal is 25%?
5. What decimal is 100%?
6. What percent is 0.2?
7. What percent is 0.75?
8. What is 10% of 200?
9. What is 5% of 60?
10. If a jar has 100 candies and 10 are red, what percent are red?
11. If 3 out of 4 parts are shaded, what percent is shaded?
12. If 7 out of 10 parts are shaded, what percent is shaded?
13. What percent is  $\frac{2}{5}$ ?
14. What percent is  $\frac{9}{20}$ ?
15. Convert 109% to a decimal.
16. Convert 109% to a fraction (simplest form).
17. What is 109% of 100?
18. What is 109% of 50?
19. If a price increases from \$100 to \$109, what percent of the original price is the new price?
20. Is 109% greater than or less than 100%?
21. What is 109% of 200?
22. A school needs 100 worksheets but prints 109 worksheets. What percent more did they print than needed?
23. What percent is  $\frac{11}{50}$ ?
24. What percent is  $\frac{13}{25}$ ?
25. What percent is  $\frac{6}{8}$ ?
26. What percent is  $\frac{7}{8}$ ?
27. If 45 out of 100 students passed, what percent passed?
28. If 18 out of 60 students passed, what percent passed?
29. What percent of 80 is 20?
30. What percent of 150 is 30?
31. Convert  $\frac{3}{20}$  to percent.



# Math Worksheet for 6th Grade

## Intro to percents

Name: \_\_\_\_\_

Due Date: \_\_\_\_\_

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32. Convert  $\frac{17}{100}$  to percent.
33. Convert  $\frac{4}{5}$  to percent.
34. A shirt costs \$40 and is reduced to \$36. What percent discount was given?
35. A value increases from 50 to 54.5. What percent increase is that?
36. Express 109% in words.
37. What is 109% of 25?
38. What is 109% of 80?
39. If a venue's capacity is 120 and attendance was 109% of capacity, how many people attended?
40. A model shows 33 out of 100 squares shaded. What percent is shaded?
41. A model shows 14 out of 25 squares shaded. What percent is shaded?
42. A model shows 27 out of 50 squares shaded. What percent is shaded?
43. What percent is  $\frac{1}{4}$ ?
44. What percent is  $\frac{3}{10}$ ?
45. Convert 0.35 to percent.
46. Convert 0.875 to percent.
47. What is 109% of 60?
48. Which is larger: 105% of 200 or 109% of 200?
49. If 40% of a number is 20, what is the number?
50. If 109% of a price is \$218, what was the original price?