

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

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

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

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

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Answers

1. "Percent" means "per hundred" (out of 100).

2.  $1\% = \frac{1}{100}$ .

3.  $50\% = \frac{50}{100} = \frac{1}{2}$ .

4.  $25\% = 0.25$ .

5.  $100\% = 1.0$ .

6.  $0.2 = 20\%$ .

7.  $0.75 = 75\%$ .

8.  $10\%$  of  $200 = 20$ .

9.  $5\%$  of  $60 = 3$ .

10.  $10$  out of  $100 = 10\%$ .

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

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

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

14.  $\frac{9}{20} = 45\%$ .

15.  $109\% = 1.09$  (decimal).

16.  $109\% = \frac{109}{100}$  (fraction).

17.  $109\%$  of  $100 = 109$ .

18.  $109\%$  of  $50 = 54.5$ .

19. The new price is  $109\%$  of the original.

20.  $109\%$  is greater than  $100\%$ .

21.  $109\%$  of  $200 = 218$ .

22. They printed  $9\%$  more.

23.  $\frac{11}{50} = 22\%$ .

24.  $\frac{13}{25} = 52\%$ .

25.  $\frac{6}{8} = \frac{3}{4} = 75\%$ .

26.  $\frac{7}{8} = 87.5\%$ .

27.  $45\%$ .

28.  $\frac{18}{60} = 30\%$ .

29.  $20$  is  $25\%$  of  $80$ .

30.  $30$  is  $20\%$  of  $150$ .

31.  $\frac{3}{20} = 15\%$ .



# Math Worksheet for 6th Grade

## Intro to percents

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

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32.  $\frac{17}{100} = 17\%$ .
33.  $\frac{4}{5} = 80\%$ .
34. Discount =  $(40 - 36)/40 = \frac{4}{40} = 10\%$ .
35.  $(54.5 - 50)/50 = 4 \cdot \frac{5}{50} = 0.09 = 9\%$  increase.
36. "One hundred nine percent" or "109 per hundred."
37. 109% of 25 = 27.25.
38. 109% of 80 = 87.2.
39.  $120 \times 1.09 = 130.8$  people (130.8).
40. 33%.
41.  $\frac{14}{25} = 56\%$ .
42.  $\frac{27}{50} = 54\%$ .
43.  $\frac{1}{4} = 25\%$ .
44.  $\frac{3}{10} = 30\%$ .
45.  $0.35 = 35\%$ .
46.  $0.875 = 87.5\%$ .
47. 109% of 60 = 65.4.
48. 109% of 200 = 218; 105% of 200 = 210. 109% of 200 is larger.
49. Number =  $20 \div 0.40 = 50$ .
50. Original price =  $218 \div 1.09 = 200$ .