

Percent of Change **Find each percent of change.**

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|----------------------------------|------------------------------|
| 1) From 200 to 500. ___ % | 6) From 30 to 6. ___ % |
| 2) From 50 ft to 75 ft. ___ % | 7) From 80 to 120. ___ % |
| 3) From \$250 to \$350. ___ % | 8) From 800 to 200. ___ % |
| 4) From 60 cm to 90 cm. ___ % | 9) From 25 to 15. ___ % |
| 5) From 30 to 90. ___ % | 10) From 32 to 8. ___ % |

 **Solve each percent of change word problem.**

- 11) Bob got a raise, and his hourly wage increased from \$12 to \$15. What is the percent increase? _____ %
- 12) The price of a pair of shoes increases from \$20 to \$32. What is the percent increase? _____ %
- 13) At a coffeeshop, the price of a cup of coffee increased from \$1.20 to \$1.44. What is the percent increase in the cost of the coffee? _____ %
- 14) 6 cm are cut from a 24 cm board. What is the percent decrease in length? _____ %
- 15) In a class, the number of students has been increased from 18 to 27. What is the percent increase? _____ %
- 16) The price of gasoline rose from \$2.40 to \$2.76 in one month. By what percent did the gas price rise? _____ %
- 17) A shirt was originally priced at \$48. It went on sale for \$38.40. What was the percent that the shirt was discounted? _____ %



Answers

Percent of Change

- | | | |
|---------|---------|---------|
| 1) 150% | 7) 50% | 13) 20% |
| 2) 50% | 8) 75% | 14) 25% |
| 3) 40% | 9) 40% | 15) 50% |
| 4) 50% | 10) 75% | 16) 15% |
| 5) 200% | 11) 25% | 17) 20% |
| 6) 80% | 12) 60% | |