

Percent of Change

Find each percent change to the nearest percent. State if it is an increase or a decrease.

1) From 45 ft to 92 ft

2) From 74 hours to 85 hours

3) From 74 ft to 75 ft

4) From 36 inches to 90 inches

5) From 94 miles to 34 miles

6) From 12 ft to 23 ft

7) From 83 hours to 76 hours

8) From 24 grams to 96 grams

9) From 20 tons to 99 tons

10) From 16 tons to 72 tons

11) From 117 minutes to 91 minutes

12) From 188 m to 42 m

Percent of Increase or Decrease Problems

Copy cards on cardstock, and cut out.

①	<p>Today, the price of a new cell phone is \$129. In 2000, the price of a similar cell phone was \$240. What is the percent of change in the price of a cell phone from 2000 to today?</p>	<p>There were 134 people in attendance at the school football game last Friday. This week there were 246 people in attendance at the school football game. What is the percent of change from last week to this week?</p>	⑥
②	<p>It costs Charlie's Car Repair Shop \$27 to change the oil. The shop charges their customers \$40 for an oil change. What is the percent of markup in the cost of an oil change?</p>	<p>On Monday, Jake could lift 25 lbs. One month later he could lift 45 lbs. What is the percent of change in the number of pounds he can lift?</p>	⑦
③	<p>Olivia scored 82 points on the first math test of the year. On the second math test, she scored 78 points. What is the percent of change in the number of points she scored between the first and second tests?</p>	<p>What is the percent of change in the cost of a DVD set that originally sold for \$49.99 and is now on sale for \$24.99?</p>	⑧
④	<p>In Orlando, Florida, the high temperature was 85°F on Saturday and 79°F on Sunday. What is the percent of change in the high temperature from Saturday to Sunday?</p>	<p>In 2009, Jennifer made \$11.50 an hour, and in 2010, she made \$12.75 an hour. What is the percent of change in Jennifer's pay per hour from 2009 to 2010?</p>	⑨
⑤	<p>Stock in Company ABC went from \$26 a share to \$14 a share. What is the percent of change in the price of a share of stock in the company?</p>	<p>The average cost of a gallon of gas during July was \$2.45. The average cost of a gallon of gas during August was \$2.78. What is the percent of change in the average cost of a gallon of gas from July to August?</p>	⑩