

Name _____

Date _____



FIND THE PERCENTAGE CHANGE 2

Work out the percentage change. Give your answers to 1 decimal place if needed.

Working out

1) Original amount: \$240
Final amount: \$320
Percentage change: _____

2) Original amount: 92 inches
Final amount: 76 inches
Percentage change: _____

3) Original amount: 12 ounces
Final amount: 36 ounces
Percentage change: _____

4) Original amount: 44 minutes
Final amount: 28 minutes
Percentage change: _____

5) Original amount: \$735
Final amount: \$275
Percentage change: _____

6) Original amount: \$5.20
Final amount: \$14
Percentage change: _____

7) Original amount: 28 seconds
Final amount: 15 seconds
Percentage change: _____

8) Original amount: 1250 points
Final amount: 1470 points
Percentage change: _____

9) Original amount: 145 miles
Final amount: 128 miles
Percentage change: _____

10) Original amount: \$220
Final amount: \$378
Percentage change: _____

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FIND THE PERCENTAGE CHANGE 2

Work out the percentage change. Give your answers to 1 decimal place if needed.

		Working out
1)	Original amount: \$240 Final amount: \$320 Percentage change: <u>33.3%</u>	$320 - 240 = 80$ $80 \div 240 = 0.333..$ $0.333 \times 100 = 33.3\%$
2)	Original amount: 92 inches Final amount: 76 inches Percentage change: <u>-17.4%</u>	$76 - 92 = -16$ $-16 \div 92 = -0.1739..$ $-0.1793 \times 100 = 17.39\%$
3)	Original amount: 12 ounces Final amount: 36 ounces Percentage change: <u>200%</u>	$36 - 12 = 24$ $24 \div 12 = 2$ $2 \times 100 = 200\%$
4)	Original amount: 44 minutes Final amount: 28 minutes Percentage change: <u>-36.4%</u>	$28 - 44 = -16$ $-16 \div 44 = -0.3636..$ $-0.3636 \times 100 = -36.36\%$
5)	Original amount: \$735 Final amount: \$275 Percentage change: <u>-62.6%</u>	$275 - 735 = -460$ $-460 \div 735 = -0.62585..$ $-0.62585 \times 100 = -62.585\%$
6)	Original amount: \$5.20 Final amount: \$14 Percentage change: <u>169.2%</u>	$14 - 5.2 = 8.8$ $8.8 \div 5.2 = 1.6923..$ $1.6923 \times 100 = 169.23\%$
7)	Original amount: 28 seconds Final amount: 15 seconds Percentage change: <u>-46.4%</u>	$15 - 28 = -13$ $-13 \div 28 = -0.4642..$ $-0.4642 \times 100 = -46.42\%$
8)	Original amount: 1250 points Final amount: 1470 points Percentage change: <u>17.6%</u>	$1470 - 1250 = 220$ $220 \div 1250 = 0.176$ $0.176 \times 100 = 17.6\%$
9)	Original amount: 145 miles Final amount: 128 miles Percentage change: <u>-11.7%</u>	$128 - 145 = -17$ $-17 \div 145 = -0.1172..$ $-0.1172 \times 100 = -11.72\%$
10)	Original amount: \$220 Final amount: \$378 Percentage change: <u>71.8%</u>	$378 - 220 = 158$ $158 \div 220 = 0.7181..$ $0.7181 \times 100 = 71.81\%$