

Name \_\_\_\_\_

Date \_\_\_\_\_



## FIND THE PERCENTAGE CHANGE 1

Work out the percentage change.

Working out

1) Original amount: \$600  
Final amount: \$750  
**Percentage change:** \_\_\_\_\_

2) Original amount: 120 inches  
Final amount: 105 inches  
**Percentage change:** \_\_\_\_\_

3) Original amount: 16 ounces  
Final amount: 24 ounces  
**Percentage change:** \_\_\_\_\_

4) Original amount: 25 minutes  
Final amount: 20 minutes  
**Percentage change:** \_\_\_\_\_

5) Original amount: \$128  
Final amount: \$32  
**Percentage change:** \_\_\_\_\_

6) Original amount: \$3.50  
Final amount: \$14  
**Percentage change:** \_\_\_\_\_

7) Original amount: 15 seconds  
Final amount: 12 seconds  
**Percentage change:** \_\_\_\_\_

8) Original amount: 250 points  
Final amount: 170 points  
**Percentage change:** \_\_\_\_\_

9) Original amount: 42 miles  
Final amount: 28 miles  
**Percentage change:** \_\_\_\_\_

10) Original amount: \$124  
Final amount: \$48  
**Percentage change:** \_\_\_\_\_

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# FIND THE PERCENTAGE CHANGE 1

Work out the percentage change.

		Working out
1)	Original amount: \$600 Final amount: \$750 <b>Percentage change: <u>25%</u></b>	$750 - 600 = 150$ $150 \div 600 = 0.25$ $0.25 \times 100 = 25\%$
2)	Original amount: 120 inches Final amount: 105 inches <b>Percentage change: <u>-12.5%</u></b>	$105 - 120 = -15$ $-15 \div 120 = -0.125$ $-0.125 \times 100 = -12.5\%$
3)	Original amount: 16 ounces Final amount: 24 ounces <b>Percentage change: <u>50%</u></b>	$24 - 16 = 8$ $8 \div 16 = 0.5$ $0.5 \times 100 = 50\%$
4)	Original amount: 25 minutes Final amount: 20 minutes <b>Percentage change: <u>-20%</u></b>	$20 - 25 = -5$ $-5 \div 25 = -0.2$ $-0.2 \times 100 = -20\%$
5)	Original amount: \$128 Final amount: \$32 <b>Percentage change: <u>-75%</u></b>	$32 - 128 = -96$ $-96 \div 128 = -0.75$ $-0.75 \times 100 = -75\%$
6)	Original amount: \$3.50 Final amount: \$14 <b>Percentage change: <u>300%</u></b>	$14 - 3.50 = 11.50$ $11.50 \div 3.50 = 3$ $3 \times 100 = 300\%$
7)	Original amount: 15 seconds Final amount: 9 seconds <b>Percentage change: <u>-40%</u></b>	$9 - 15 = -6$ $-6 \div 15 = -0.4$ $-0.4 \times 100 = -40\%$
8)	Original amount: 250 points Final amount: 170 points <b>Percentage change: <u>-32%</u></b>	$170 - 250 = -80$ $-80 \div 250 = -0.32$ $-0.32 \times 100 = -32\%$
9)	Original amount: 28 miles Final amount: 42 miles <b>Percentage change: <u>50%</u></b>	$42 - 28 = 14$ $14 \div 28 = 0.5$ $0.5 \times 100 = 50\%$
10)	Original amount: \$48 Final amount: \$120 <b>Percentage change: <u>150%</u></b>	$120 - 48 = 72$ $72 \div 48 = 1.5$ $1.5 \times 100 = 150\%$