

Name \_\_\_\_\_

Date \_\_\_\_\_



# PERCENTAGE INCREASE, DECREASE & CHANGE SHEET 1

Find the final amounts and percentage change.

Working out

1) Increase \$250 by 50%

Answer: \_\_\_\_\_

2) Decrease \$700 by 20%

Answer: \_\_\_\_\_

3) Original amount: \$320

Final amount: \$208

Percentage change: \_\_\_\_\_

4) Decrease 150 minutes by 30%

Answer: \_\_\_\_\_

5) Original amount: 30 cm

Final amount: 24 cm

Percentage change: \_\_\_\_\_

6) Increase 12 lb by 150%

Answer: \_\_\_\_\_

7) Decrease 36 ounces by 25%

Answer: \_\_\_\_\_

8) Original amount: \$1600

Final amount: \$1152

Percentage change: \_\_\_\_\_

9) Original amount: 140 seconds

Final amount: 203 seconds

Percentage change: \_\_\_\_\_

10) Decrease 50 pints by 15%

Answer: \_\_\_\_\_

11) Increase \$4,650 by 70%

Answer: \_\_\_\_\_

12) Original amount: 10.5 seconds

Final amount: 12.6 seconds

Percentage change: \_\_\_\_\_

Name

Date



## PERCENTAGE INCREASE, DECREASE & CHANGE SHEET 1 ANSWERS

Find the final amounts and percentage change.

		Working out
1)	Increase \$250 by 50%	50% of 250 = 125 250 + 125 = 375 Answer: <u>\$375</u>
2)	Decrease \$700 by 20%	20% of \$700 = \$140 \$700 - \$140 = \$560 Answer: <u>\$560</u>
3)	Original amount: \$320 Final amount: \$208	208 - 320 = -112 -112 ÷ 320 = -0.35 -0.35 x 100 = -35 Percentage change: <u>-35%</u>
4)	Decrease 150 minutes by 30%	30% of 150 = 45 150 - 45 = 105 Answer: <u>105 minutes</u>
5)	Original amount: 30 cm Final amount: 24 cm	24 - 30 = -6 -6 ÷ 30 = -0.2 -0.2 x 100 = -20 Percentage change: <u>-20%</u>
6)	Increase 12 lb by 150%	150% of 12 = 18 12 + 18 = 30 Answer: <u>30 lb</u>
7)	Decrease 36 ounces by 25%	25% of 36 = 9 36 - 9 = 27 Answer: <u>27 ounces</u>
8)	Original amount: \$1600 Final amount: \$1152	1152 - 1600 = -448 -448 ÷ 1600 = -0.28 -0.28 x 100 = -28 Percentage change: <u>-28%</u>
9)	Original amount: 140 seconds Final amount: 203 seconds	203 - 140 = 63 63 ÷ 140 = 0.45 0.45 x 100 = 45 Percentage change: <u>45%</u>
10)	Decrease 50 pints by 15%	15% of 50 = 7.5 50 - 7.5 = 42.5 Answer: <u>42.5 pints</u>
11)	Increase \$4,650 by 70%	70% of 4650 = 3255 4650 + 3255 = 7905 Answer: <u>\$7,905</u>
12)	Original amount: 10.5 seconds Final amount: 12.6 seconds	12.6 - 10.5 = 2.1 2.1 ÷ 10.5 = 0.2 0.2 x 100 = 20 Percentage change: <u>20%</u>