

Name

Date



PERCENTAGE INCREASE AND DECREASE SHEET 1

Find the final amounts after the percentage increase or decrease.

Working out

1) Increase \$200 by 50%

2) Decrease \$300 by 50%

3) Increase 160 yards by 10%

4) Decrease 400 miles by 30%

5) Increase \$130 by 10%

6) Increase 6 inches by 100%

7) Decrease 20 ounces by 25%

8) Decrease 50 miles by 100%

9) Increase 150 yards by 10%

10) Decrease \$350 by 40%

11) Increase 15 gallons by 30%

12) Decrease 256 pints by 25%

13) Decrease \$1270 by 50%

14) Increase 40 inches by 25%

15) Increase 25 inches by 40%

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PERCENTAGE INCREASE AND DECREASE SHEET 1 ANSWERS

Find the final amounts after the percentage increase or decrease.

	Working out
1) Increase \$200 by 50%	50% of 200 = $\frac{1}{2}$ of 200 = 100 Answer: \$200 + \$100 = \$300
2) Decrease \$300 by 50%	50% of 300 = $\frac{1}{2}$ of 300 = 150 Answer: \$300 - \$150 = \$150
3) Increase 160 yards by 10%	10% of 160 = 16 Answer: 160 + 16 = 176 yards
4) Decrease 400 miles by 30%	30% of 400 = 120 Answer: 400 - 120 = 280 miles
5) Increase \$130 by 10%	10% of 130 = 13 Answer: \$130 + \$13 = \$143
6) Increase 6 inches by 100%	100% of 6 = 6 Answer: 12 inches
7) Decrease 20 ounces by 25%	25% of 20 = $\frac{1}{4}$ of 20 = 5 Answer: 20 - 5 = 15 ounces
8) Decrease 50 miles by 100%	100% of 50 = 50 Answer: 50 - 50 = 0 miles
9) Increase 150 yards by 10%	10% of 150 = 15 Answer: 150 + 15 = 165 yards
10) Decrease \$350 by 40%	40% of 350 = 140 Answer: \$350 - \$140 = \$210
11) Increase 15 gallons by 30%	30% of 15 = 4.5 Answer: 15 + 4.5 = 19.5 gallons
12) Decrease 256 pints by 25%	25% of 256 = $\frac{1}{4}$ of 256 = 64 Answer: 256 - 64 = 192 pints
13) Decrease \$1270 by 50%	50% of 1270 = $\frac{1}{2}$ of 1270 = 635 Answer: \$635
14) Increase 40 inches by 25%	25% of 40 = $\frac{1}{4}$ of 40 = 10 Answer: 40 + 10 = 50 inches
15) Increase 25 inches by 40%	40% of 25 = 10 Answer: 25 + 10 = 35 inches