

Name _____

Date _____



PERCENTAGE INCREASE AND DECREASE SHEET 4

Find the final amounts after the percentage increase or decrease.

Give your answers to 1 decimal place (or to the nearest cent) where appropriate.

Working out

- 1) Increase \$7000 by 17%

- 2) Decrease \$920 by 26%

- 3) Increase 1250 yards by 36%

- 4) Decrease 76 inches by 8%

- 5) Increase 104 gallons by 12%

- 6) Increase 250 miles by 28%

- 7) Decrease 96 ounces by 62%

- 8) Decrease \$9,500 by 34%

- 9) Increase 280 cm by 72%

- 10) Decrease 250 lb by 16%

- 11) Increase 380 seconds by 47%

- 12) Decrease 450 minutes by 86%

- 13) Increase 140 miles by 16%

- 14) Decrease \$720,000 by 92%

- 15) Increase \$19,000 by 53%

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PERCENTAGE INCREASE AND DECREASE SHEET 4 ANSWERS

Working out

1) Increase \$7000 by 17%	$17\% \text{ of } \$7000 = \1190
<u>Answer: \$8190</u>	$\$7000 + \$1190 = \$8190$
2) Decrease \$920 by 26%	$26\% \text{ of } \$920 = \239.20
<u>Answer: \$680.80</u>	$\$920 - \$239.20 = \$680.80$
3) Increase 1250 yards by 36%	$36\% \text{ of } 1250 = 450$
<u>Answer: 1700 yards</u>	$1250 + 450 = 1700 \text{ yards}$
4) Decrease 76 inches by 8%	$8\% \text{ of } 76 = 6.08$
<u>Answer: 69.9 inches</u>	$76 - 6.08 = 69.92 \text{ inches}$
5) Increase 104 gallons by 12%	$12\% \text{ of } 104 = 12.48$
<u>Answer: 116.5 gallons</u>	$104 + 12.48 = 116.48 \text{ gallons}$
6) Increase 250 miles by 28%	$28\% \text{ of } 250 = 70$
<u>Answer: 320 miles</u>	$250 + 70 = 320 \text{ miles}$
7) Decrease 96 ounces by 62%	$62\% \text{ of } 96 = 59.52$
<u>Answer: 36.5 ounces</u>	$96 - 59.52 = 36.48 \text{ ounces}$
8) Decrease \$9,500 by 34%	$34\% \text{ of } \$9500 = \3230
<u>Answer: \$6270</u>	$\$9500 - \$3230 = \$6270$
9) Increase 280 cm by 72%	$72\% \text{ of } 280 = 201.6$
<u>Answer: 481.6 cm</u>	$280 + 201.6 = 481.6 \text{ cm}$
10) Decrease 250 lb by 16%	$16\% \text{ of } 250 = 40$
<u>Answer: 210 lb</u>	$250 - 40 = 210 \text{ lb}$
11) Increase 380 seconds by 47%	$47\% \text{ of } 380 = 178.6$
<u>Answer: 558.6 seconds</u>	$380 + 178.6 = 558.6 \text{ seconds}$
12) Decrease 450 minutes by 86%	$86\% \text{ of } 450 = 387$
<u>Answer: 63 minutes</u>	$450 - 387 = 63 \text{ minutes}$
13) Increase 140 miles by 16%	$16\% \text{ of } 140 = 22.4$
<u>Answer: 162.4 miles</u>	$140 + 22.4 = 162.4 \text{ miles}$
14) Decrease \$720,000 by 92%	$92\% \text{ of } \$720,000 = \$662,400$
<u>Answer: \$57,600</u>	$\$720,000 - \$662,400 = \$57,600$
15) Increase \$19,000 by 53%	$53\% \text{ of } \$19,000 = \$10,070$
<u>Answer: \$29,070</u>	$\$19,000 + \$10,070 = \$29,070$