

Name

Date



PERCENTAGE INCREASE AND DECREASE SHEET 4 UK VERSION

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 metres by 36%

- 4) Decrease 76 cm by 8%

- 5) Increase 104 gallons by 12%

- 6) Increase 250 miles by 28%

- 7) Decrease 96 kg by 62%

- 8) Decrease £9,500 by 34%

- 9) Increase 280 cm by 72%

- 10) Decrease 250 ml 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 UK VERSION

Working out

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