

Name

Date



## PERCENTAGE INCREASE AND DECREASE SHEET 2 UK VERSION

Find the final amounts after the percentage increase or decrease.

---

Working out

---

1) Increase £160 by 20%

---

2) Decrease £200 by 70%

---

3) Increase 140 metres by 30%

---

4) Decrease 320 cm by 15%

---

5) Increase 120 ml by 25%

---

6) Decrease 32 gallons by 75%

---

7) Decrease £1800 by 5%

---

8) Increase £2500 by 15%

---

9) Increase 140 miles by 8%

---

10) Decrease 40 cm by 35%

---

11) Increase 35 cm by 40%

---

12) Increase 72 gallons by 150%

---

13) Decrease £2500 by 90%

---

14) Decrease £280 by 45%

---

15) Increase 76 kg by 75%

---

Name

Date



## PERCENTAGE INCREASE AND DECREASE SHEET 2 ANSWERS UK VERSION

### Working out

- |                                 |   |
|---------------------------------|---|
| 1) Increase £160 by 20%         | $20\% \text{ of } 160 = 32$<br>$\text{Answer: } £160 + £32 = £192$  |
| 2) Decrease £200 by 70%         | $70\% \text{ of } 200 = 140$<br>$\text{Answer: } £200 - £140 = £60$   |
| 3) Increase 140 metres by 30%   | $30\% \text{ of } 140 = 42$<br>$\text{Answer: } 140 + 42 = 182 \text{ m}$   |
| 4) Decrease 320 cm by 15%       | $15\% \text{ of } 320 = 48$<br>$\text{Answer: } 320 - 48 = 272 \text{ cm}$  |
| 5) Increase 120 ml by 25%       | $25\% \text{ of } 120 = \frac{1}{4} \text{ of } 120 = 30$<br>$\text{Answer: } 120 + 30 = 150 \text{ ml}$                                      |
| 6) Decrease 32 gallons by 75%   | A decrease of 75% means there will be 25% left. $25\% \text{ of } 32 = \frac{1}{4} \text{ of } 32 = 8$<br>$\text{Answer: } 8 \text{ gallons}$ |
| 7) Decrease £1800 by 5%         | $5\% \text{ of } 1800 = 90$<br>$\text{Answer: } £1800 - £90 = £1710$  |
| 8) Increase £2500 by 15%        | $15\% \text{ of } 2500 = 375$<br>$\text{Answer: } £2500 + £375 = £2875$   |
| 9) Increase 140 miles by 8%     | $8\% \text{ of } 140 = 11.2$<br>$\text{Answer: } 140 + 11.2 = 151.2 \text{ miles}$  |
| 10) Decrease 40 cm by 35%       | $35\% \text{ of } 40 = 14$<br>$\text{Answer: } 40 - 14 = 26 \text{ cm}$   |
| 11) Increase 35 cm by 40%       | $40\% \text{ of } 35 = 14$<br>$\text{Answer: } 35 + 14 = 49 \text{ cm}$   |
| 12) Increase 72 gallons by 150% | $150\% \text{ of } 72 = 72 + 36 = 108$<br>$\text{Answer: } 72 + 108 = 180 \text{ gallons}$  |
| 13) Decrease £2500 by 90%       | A decrease of 90% means there will be 10% left. $10\% \text{ of } £2500 = £250$<br>$\text{Answer: } £250$                                     |
| 14) Decrease £280 by 45%        | $45\% \text{ of } 280 = 126$<br>$\text{Answer: } £280 - £126 = £154$  |
| 15) Increase 76 kg by 75%       | $75\% \text{ of } 76 = \frac{3}{4} \text{ of } 76 = 57$<br>$\text{Answer: } 76 + 57 = 133 \text{ kg}$   |