

Proficient

1. Increase 45 by 20%.

2. Increase 72 by 25%.

3. Increase 150 by 12%.

4. Increase 240 by 15%.

5. Increase 64 by 37.5%.

6. Increase 88 by 5%.

7. Decrease 95 by 10%.

8. Decrease 120 by 15%.

9. Decrease 84 by 25%.

10. Decrease 320 by 12.5%.

11. Decrease 240 by 35%.

12. Decrease 55 by 20%.

- 13.** A game costs 80 dollars. It is increased by 15%. What is the new price?
- 14.** A phone case costs 24 dollars. It is discounted by 25%. What is the sale price?
- 15.** Fill in the blank: increasing 200 by 12% gives .
- 16.** Fill in the blank: decreasing 96 by 37.5% gives .
- 17.** Are increasing 80 by 25% and decreasing 120 by $\frac{1}{6}$ equal?
- 18.** Explain in one short sentence how 10% can help you find 15% of a number.