

## Percentage Increases & Decreases with Multipliers Worksheet 1

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## Exercise

Find the multiplier that allows us to:

1. Increase by  $27\,\%$ 

2. Decrease by  $14\,\%$ 

3. Increase by 3%

4. Decrease by 9%



5. Increase by  $118\,\%$ 

6. Increase by  $210\,\%$ 

7. Decrease by  $79\,\%$ 

8. Increase by  $88\,\%$ 

9. Decrease by 5%



10. Increase by  $0.8\ \%$ 

11. Decrease by  $1.5\ \%$ 

12. Increase by  $13.7\ \%$