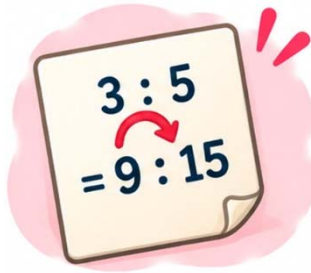


Name _____



Proportion Setup

Directions: Write a proportion for each situation. Use x for the unknown. Do not solve.

1. Three notebooks cost \$12. At the same price, 7 notebooks cost x dollars.
Proportion: _____
2. A cyclist travels 18 miles in 2 hours. At the same rate, the cyclist travels x miles in 5 hours.
Proportion: _____
3. A recipe uses 4 cups of flour for 3 batches of muffins. To make 9 batches, x cups of flour are needed.
Proportion: _____
4. A printer produces 45 pages in 3 minutes. At the same rate, it produces x pages in 8 minutes.
Proportion: _____
5. Five movie tickets cost \$40. At the same price, x tickets cost \$64.
Proportion: _____
6. A car uses 4 gallons of gas to travel 120 miles. At the same rate, it uses 7 gallons to travel x miles.
Proportion: _____
7. A fruit stand packs 24 apples into 4 equal baskets. At the same rate, x apples are needed for 7 baskets.
Proportion: _____
8. A map scale shows that 2 inches represents 10 miles. A road measuring 7 inches on the map represents x miles.
Proportion: _____