

Name _____



Strategy Selector

Directions: Choose the most efficient strategy for each problem, then solve. Write SF for scale factor, UR for unit rate, RT for ratio table, or PE for proportion equation.

1. A smoothie recipe uses 2 bananas for 5 servings. How many bananas are needed for 20 servings?
Strategy: _____ Answer: _____
2. A delivery van travels 168 miles in 4 hours. At the same rate, how far will it travel in 7 hours?
Strategy: _____ Answer: _____
3. A theater sells 3 tickets for \$27. Find the costs of 6, 9, and 12 tickets.
Strategy: _____ Answer: _____
4. Five pounds of grapes cost \$14. How much will 8 pounds cost?
Strategy: _____ Answer: _____
5. A school orders 6 boxes for every 48 folders. How many folders are needed for 18 boxes?
Strategy: _____ Answer: _____
6. A fountain releases 54 gallons of water in 6 minutes. How many gallons will it release in 11 minutes?
Strategy: _____ Answer: _____
7. A runner completes 8 laps in 12 minutes. At the same pace, how long will 14 laps take?
Strategy: _____ Answer: _____
8. A paint mixture uses 3 cups of blue paint for every 2 cups of white paint. Find the amounts of white paint needed for 6, 9, and 12 cups of blue paint.
Strategy: _____ Answer: _____