



Name _____ Date _____

Find the Rule

TAKS Objective 2
TEKS 4.7

Solve.

- | | |
|---|---|
| <p>1. Students at Bright Elementary School are selling tickets to a school play. Two tickets cost \$10, three tickets cost \$14.50, and four tickets cost \$18. If the pattern continues, how much will 5 tickets cost?</p> <p>_____</p> | <p>2. Cabins at Blue Creek Resort cost \$85 for 2 people in the off-season. The cabins sleep up to 8 people. The cost for 4 people is \$110 and for 6 people is \$145. If the pattern continues, how much would it cost for 8 people to rent a cabin?</p> <p>_____</p> |
| <p>3. A baseball team developed a pattern of winning 2 games and then losing the next 3 games. After playing 25 games, what was the team's win-loss record?</p> <p>_____</p> <p>_____</p> | <p>4. A beginning runner has set a goal of running twice as far each week until she can run 8 miles. If she begins by running one-half mile the first week, how many weeks will it take her to reach her goal?</p> <p>_____</p> |
| <p>5. Aaron's parents give him \$10 for each \$100 that he saves. Aaron saves \$100 for 3 months in a row. If he continues this pattern, how much money will he have in 1 year?</p> <p>_____</p> | <p>6. Shantaya has \$100 to spend on vacation. Suppose she spends \$8 the first day. Each day after that, she spends twice as much as the day before. On which day will she run out of money?</p> <p>_____</p> |