

Lesson 7 Homework Practice

Constant Rate of Change

Find the constant rate of change for each table.

1.

| Number of Pounds of Ham | Cost (\$) |
|-------------------------|-----------|
| 0 | 0 |
| 3 | 12 |
| 6 | 24 |
| 9 | 36 |

\$4 per pound

2.

| Number of Hours Worked | Money Earned (\$) |
|------------------------|-------------------|
| 4 | 80 |
| 6 | 120 |
| 8 | 160 |
| 10 | 200 |

\$20 per hour

3.

| Days | Plant Height (in.) |
|------|--------------------|
| 7 | 4 |
| 14 | 11 |
| 21 | 18 |
| 28 | 25 |

1 in. per day

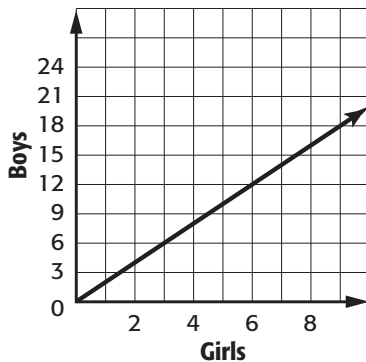
4.

| Months | Money Spent on Cable TV |
|--------|-------------------------|
| 2 | 82 |
| 4 | 164 |
| 6 | 246 |
| 8 | 328 |

\$41 per month

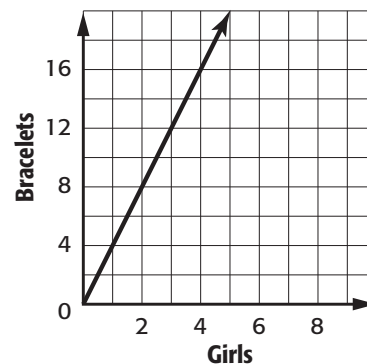
Find the constant rate of change for each graph.

5. **Students in Mr. Muni's Class**



2 boys per girl

6. **Jewelry Making**



4 bracelets per girl

7. **SEAGULLS** At 1 P.M., there were 16 seagulls on the beach. At 3 P.M., there were 40 seagulls. What is the constant rate of change? **12 seagulls per hour**