# Lesson 8 Homework Practice
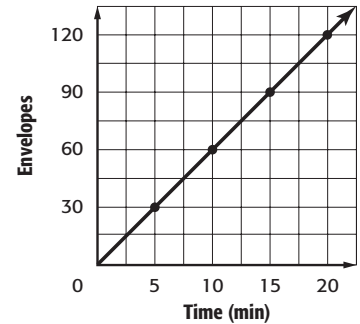
## *Slope*

**For Exercises 1 and 2, graph the data. Then find the slope. Explain what the slope represents.**
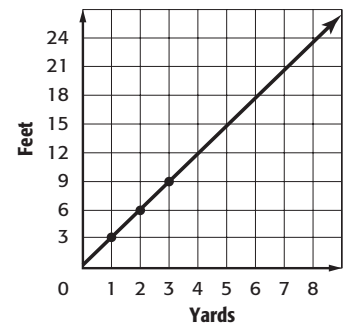
1. **ENVELOPES** The table shows the number of envelopes stuffed for various times.

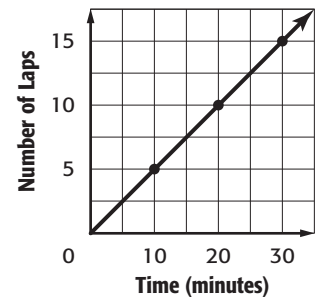| Time (min) | 5 | 10 | 15 | 20 |
|---|---|---|---|---|
| Envelopes Stuffed | 30 | 60 | 90 | 120 |

**6; 6 envelopes per minute**

2. **MEASUREMENT** There are 3 feet for every yard.

**3; 3 feet per yard**

3. Use the graph that shows the number of laps completed over time. Find the slope of the line.

$\dfrac{1}{2}$

4. Which line is the steepest? Explain using the slopes of lines $\ell, m,$ and $n$.

**Line *m* is the steepest because its slope is 3 while the slope of *l* is $\dfrac{1}{2}$ and the slope of *n* is −2.**