 slope of the line = 2/3

Slope: steepness of a line, unit rate, rate of change, rise/run (y/x)

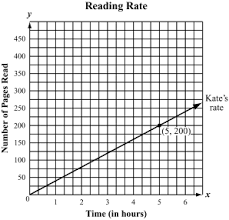
The steeper the line the greater the slope.

**To Compare Proportional Relationships**

Find the slope (rate) for each relationship to compare.

Tom

|  |  |
| --- | --- |
| hours | pages |
| 2 | 60 |
| 5 | 150 |
| 7 | 210 |
| 12 | 360 |



200 ÷ 5 = 40 150 ÷ 5 = 30

Kate reads 40 pages/hour Tom reads 30 pages/hour

Kate is reads 10 more pages than Tom every hour.

You can also find the changes of y to find the slope.

changes of x

200 – 0 = 40

5-0

