

Name the Quantities and Points

Clarify what does each number measure

A constructed feeder model delivers cord from a zero-length start at 1.5 meters each minute, for 0 to 3 minutes. Let x mean time in minutes and y mean total cord length in meters.

x: time (minutes)	y: cord length (meters)
0	0
1	1.5
2	3
3	4.5

Point (2, 3) means 2 minutes and 3 meters, in that order. The quotient $y \div x$ answers meters for each minute; $x \div y$ answers a different question. Keep the units beside the numbers.

- Write or say what the point (3, 4.5) means.
- Find the requested meters per minute from two positive-time pairs. State the constant and a rule for y .
- Explain what (0, 0) and the point at one minute mean in this model. Describe the graph's relation to the origin.

Your labeled explanation

An oral, written or labeled-table response may show the reasoning. If someone supplies the constant, rule or classification, record that help.