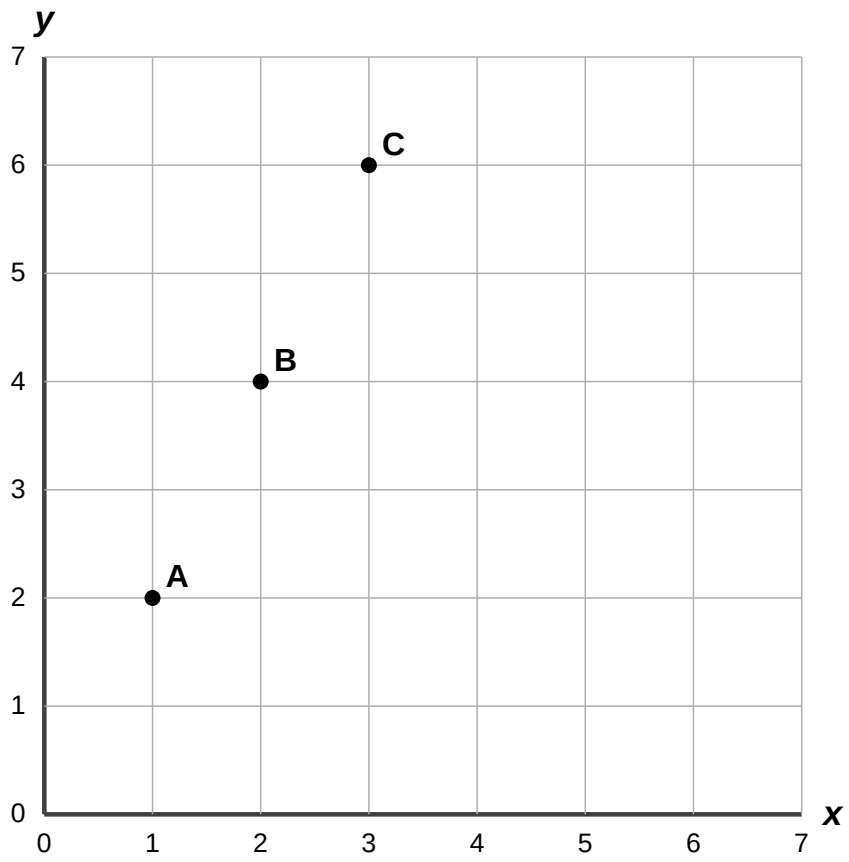
Read the rate from a graph

TEACHER ANSWER KEY

x counts turns; y is feet of ribbon. The rate is constant from (0, 0).



1. Read point B. What do its two numbers mean here?

(2, 4) means 2 turns dispense 4 feet of ribbon.

2. Find the rate in feet per turn. Use a plotted point to justify it.

4 feet / 2 turns = 2 feet per turn.

3. Predict the length at 3 turns. Plot that point and label it C.

3 x 2 = 6 feet. C is (3, 6).

4. A student adds one foot for every extra turn. Does that fit A and B?

No. From A to B, the change is 2 feet for 1 turn, giving 2 feet per turn.