Exit Ticket: Rate of Change and Slope
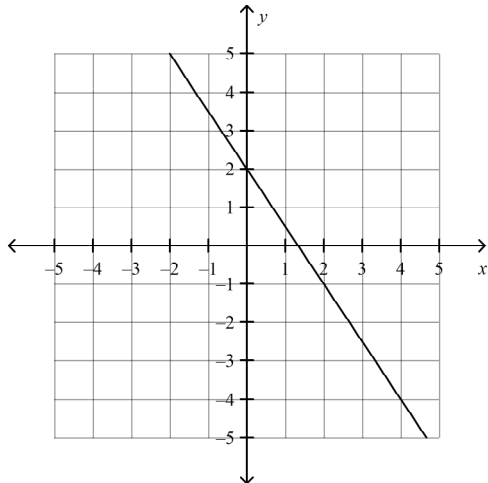
The rate of change is constant in each table. Find the rate of change. Explain what the rate of change means for the situation.

1 The table shows the cost of a ski rental package for a given number of people.

People	Cost ($)
4	120
5	150
6	180
7	210

Find the slope of the line.

2

Ⓐ $\dfrac{2}{3}$ Ⓑ $-\dfrac{2}{3}$ Ⓒ $-\dfrac{3}{2}$ Ⓓ $\dfrac{3}{2}$

What is the slope of the line that passes through the pair of points?

3 $(3, 7), (7, -1)$

4 $(-9.2, -7.7), (-6.2, -13.7)$

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Answer Section

1 $\dfrac{30}{1}$ dollars per person; the cost is $30 for each person.

2 C

3 –2

4 –2