Name Class Date

2-1

**Practice** *Form G*



Using Graphs to Relate Two Quantities

**What are the variables in each graph? Describe how the variables are related at
various points on the graph.**

|  |  |  |
| --- | --- | --- |
| **11.**  | **22.**  | **33.**  |

**Match each graph with its related table. Explain your answers.**

|  |  |  |
| --- | --- | --- |
| **44.**  | **55.**  | **66.**  |
| **7A.**  | **8B.**  | **9C.**  |

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Name Class Date

2-1

**Practice** (continued) *Form G*



Using Graphs to Relate Two Quantities

**Sketch a graph to represent the situation. Label each section.**

**7.** You buy two shirts. The third one is free.

**8.** You warm up for gym class, play basketball, and
then cool down.

**9.** The temperature warms up during the day and
then decreases at night.

**10. Error Analysis** DVDs cost $19.99 each for the first 2
purchased. After that, they cost $5.99 each. Describe and
correct the error in sketching a graph to represent the
relationship between the total cost and the number of DVDs
purchased.

**11.** Sketch a graph of each situation. Are the graphs the same? Explain.

**a.** your distance from school as you leave your house and walk to school

**b.** your distance from school as you leave school and walk to your house

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