Name _____

Equivalent Ratios and Graphs

COMMON CORE STANDARD—6.RP.3A
Understand ratio concepts and use ratio reasoning to solve problems.

Christie makes bracelets. She uses 8 charms for each bracelet. Use this information for 1–4.

1. Complete the table of equivalent ratios for the first 5 bracelets.

Charms	8	16	24	32	40
Bracelets	1	2	3	4	5

2. Write ordered pairs, letting the *x*-coordinate represent the number of bracelets and the *y*-coordinate represent the number of charms.

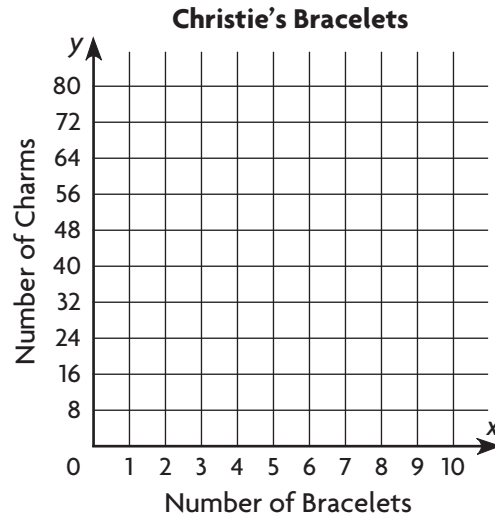(1, __**8**__), (2, __**16**__), (_____ , _____),

(_____ , _____), (_____ , _____)

4. What does the point (1, 8) represent on the graph?

_____

_____

3. Use the ordered pairs to graph the charms and bracelets.
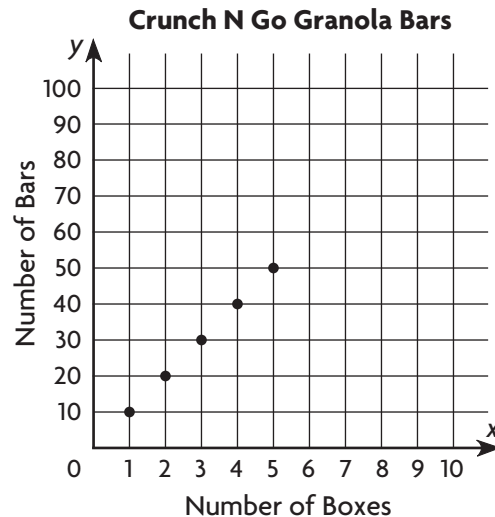
Christie's Bracelets

The graph shows the number of granola bars that are in various numbers of boxes of Crunch N Go. Use the graph for 5–6.

5. Complete the table of equivalent ratios.

Bars				
Boxes	1	2	3	4

6. Find the unit rate of granola bars per box.

_____

_____

Crunch N Go Granola Bars

Problem Solving *Real World*

7. Look at the graph for Christie's Bracelets. How many charms are needed for 7 bracelets?

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8. Look at the graph for Crunch N Go Granola Bars. Stefan needs to buy 90 granola bars. How many boxes must he buy?

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