Name _____ Date _____ Class _____

LESSON 3

Integers and the Coordinate Plane

Puzzles, Twisters & Teasers: Face It!

Follow the directions below to create your own coordinate drawing. Then decide if you have Happy Harry or Sad Selma!

1. Plot the following points: (3, 3), (3, 5), (5, 3), (5, 5). Shade in the square defined by those points. This square is in which quadrant?

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2. Plot these points: (–3, 3), (–3, 5), (–5, 3), (–5, 5). Shade in the square. This square is in which quadrant?

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3. Plot these points: (2, –4), (2, –5), (–2, –4), (–2, –5). This rectangle is in two quadrants; what are they?

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4. Plot the following two sets of points and shade in the figures:
   (2, –4), (3, –4), (2, –3), (3, –3)
   (–2, –4), (–3, –4), (–2, –3), (–3, –3)
5. Shade in a small area around the origin.
6. Do you have Happy Harry or Sad Selma?

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