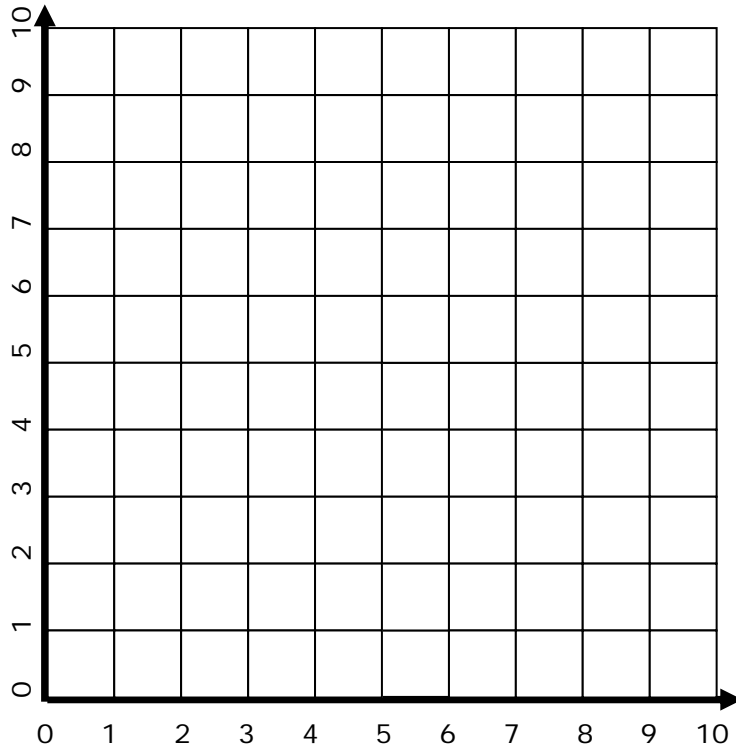Name _____     Date _____

## Graphing Real World Math Problems - Step-by-Step Lesson

**Lesson 1 Graphic Problem:**

Honey drives 5 blocks east (right), then 4 blocks north (up), and 2 blocks west (left).  How far is she from where she started? Use the coordinate graph below to help you.
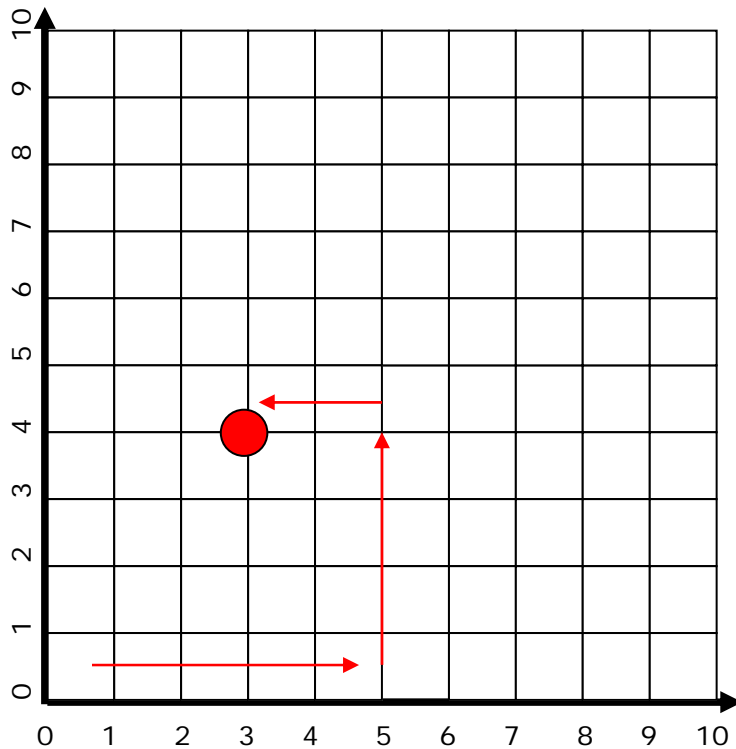
**Explanation:**

Use the coordinate graph



Step 1) She starts at the axis (0,0).

Step 2) She goes 5 blocks right →

Step 3)  4 blocks up ↑

Step 4) 2 blocks left ←

So she goes (3) , (4)  axis.

She is 3 blocks east and 4 blocks north of where she started from.

3 blocks + 4 blocks = 7 blocks

She is 7 blocks from where she started.