Homework
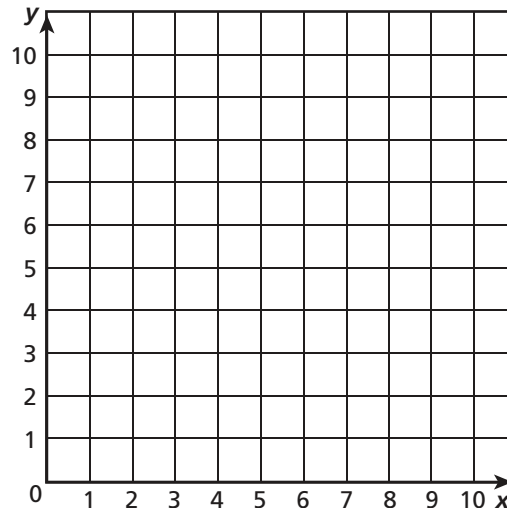
The *add 3* table below shows a numerical pattern in the left column and the result of adding 3 in the right column.

add 3	
0	3
1	
2	
3	
4	

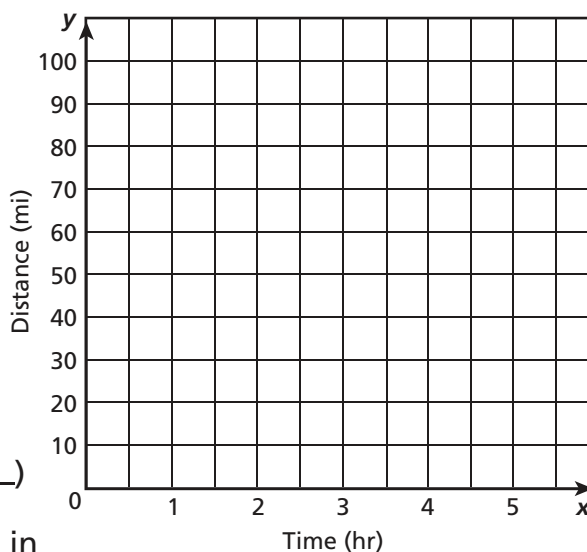| (x, y) |
|---|
| (____, ____) |
| (____, ____) |
| (____, ____) |
| (____, ____) |
| (____, ____) |

1. Complete the *add 3* table.

2. Complete the (x, y) table.

3. Each (x, y) pair of terms represents a point. Graph and connect the points.

A freight train is traveling at a constant speed of 20 miles per hour.

4. Complete the table to show the distance the train will travel in 0, 1, 2, and 3 hours.

Time (hr)	0	1	2	3
Distance (mi)		20		

5. Write the ordered (x, y) pairs the data represent. Then graph and connect the points and extend the line.

(____, ____) (____, ____) (____, ____) (____, ____)

6. How far would you expect the train to travel in $2\frac{1}{2}$ hours? Explain your answer.

_____

_____

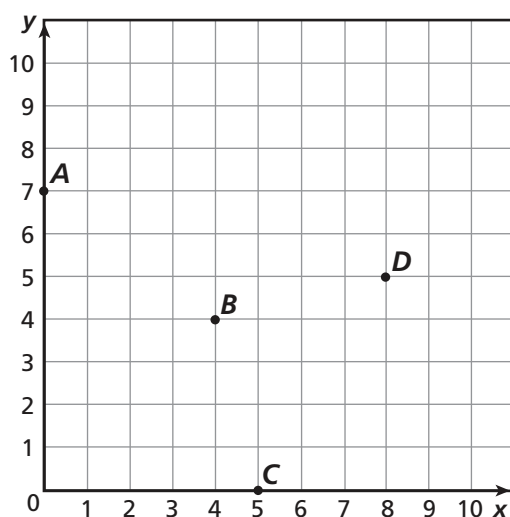Name

Date

Multiply.

1. 76
$\times$ 4

2. 199
$\times$ 6

3. 7,907
$\times$ 2

4. 98
$\times$ 78

Use the coordinate plane below to answer the questions.

Write an ordered pair to represent the location of each point.

5. point *A*

6. point *B*

7. point *C*

8. point *D*

_____

_____

_____

_____

9. Stretch Your Thinking Give the ordered pair for a point *E* so that when the points *B*, *D*, *E*, and *C* are connected (in that order), a square is formed. Then, find the area of square *BDEC*.

_____

Graph Ordered Pairs