

Review for Quiz #2

1/19/17

Total Correct: \nearrow

Name: Pfanter-Key
 Hour: _____

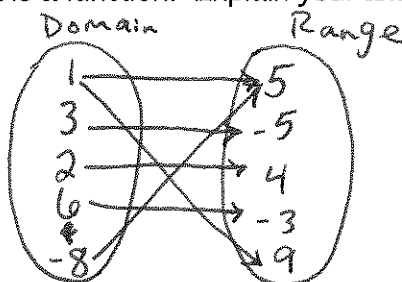
1. M.8.F.2 Fill in the table and graph the function $y = 2x - 2$

x	y
-2	-6
-1	-4
0	-2
1	0
2	2

2. M.8.F.1 Map the following relation and determine if it is a function. Explain your answer.

$\{(1, 5), (3, -5), (2, 4), (6, -3), (1, 9), (-8, 5)\}$

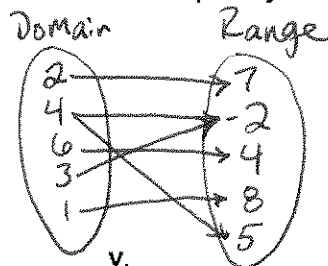
Not a function,
 Repeating domain.



3. M.8.F.1 Map the following relation and determine if it is a function. Explain your answer.

$\{(2, 7), (4, -2), (6, 4), (3, -2), (1, 8), (4, 5)\}$

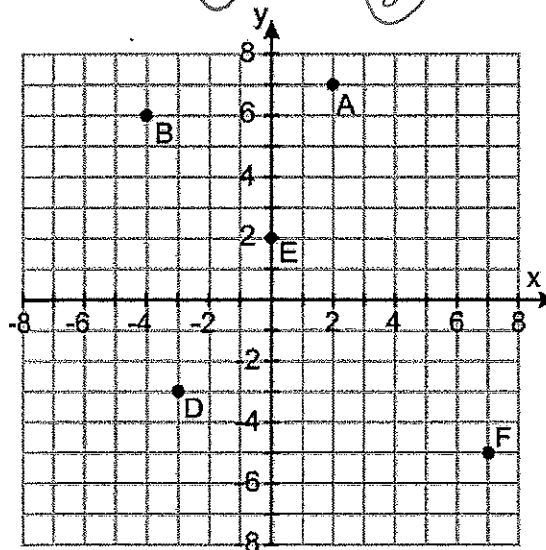
No, not a function.
 (4) in the domain repeats.



4. M.8.F.1 Use the vertical line test to determine if the graph below is a function. Explain your answer.

~~No~~ Yes;
a function.

Each dot is on its
 own vertical line.



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5. M.8.F.1 Looking at the table below, list the domain and range of the function:

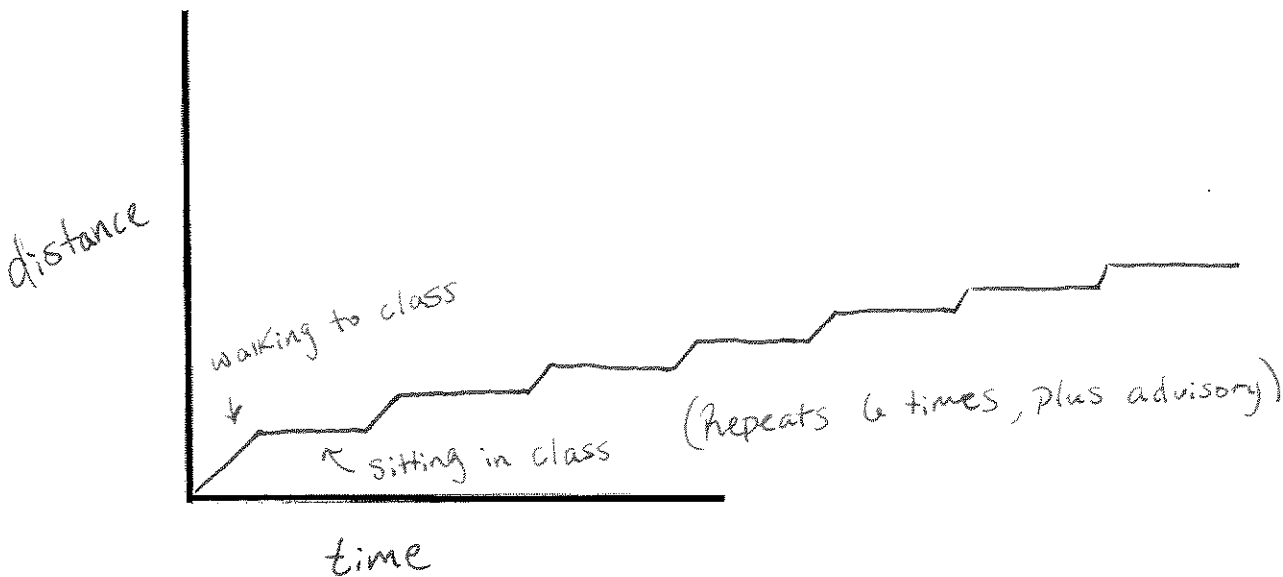
x	y
-1	-18
0	-12
2	-8
3	0
5	1
7	2
11	12

Domain: -1, 0, 2, 3, 5, 7, 11

Range: -18, -12, -8, 0, 1, 2, 12

M.8.F.5

6. Sketch a graph to show your distance walked during your school day using time and total distance traveled for your variables. Label each part of your graph to match the story you are telling.



7. M.8.F.5 Sketch a graph representing the following situation:
Be sure to label your axes!

Johnny runs a 5 mile race at a constant speed.

Label your axis!

