

Name: _____

Show work needed to justify your answer.

Date: _____

HW: # 1: Math IBSL - Standard 1 - What is a Function

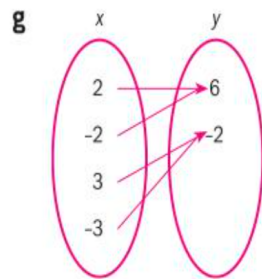
5 points

1 Determine whether each relation below is a function or not. If it is not a function, state the reason why.

- a The number of identical marbles and the total mass of the marbles.
- b The number of sides in a polygon and the sum of the interior angles.
- c The number of adult movie tickets purchased and the total cost.
- d $\{(0, 1), (1, 2), (2, 3), (3, 4), \dots\}$
- e $\{(1, 0), (0, 1), (2, 0), (0, 2), (3, 0), (0, 3)\}$

f

x	2	3	4	6	7	9
y	1	1	1	1	1	1



h $y = -2x + 6$ i $x = 3$ j $y = x^2$

