6. [10 points] Color in the blank circle for **all possible** correct choices. *Remember to use pencil so that you can erase your answers if you change your mind!*

a. [2 points] A graph goes through the points $(1, 2)$ and $(-1, 6)$.

This graph *could* represent a(n) _____ function.

○ linear

○ exponential

○ periodic

○ odd

○ NONE OF THE ABOVE

b. [2 points] A graph goes through the points $(2, 4)$ and $(2, 10)$.

This graph could represent a(n) _____ function.

○ linear

○ exponential

○ periodic

○ odd

○ NONE OF THE ABOVE

This problem continues on the next page.

c. [2 points] $f(x) = 4(x-2) + 3x + 8$.

$f(x)$ is a(n) _____ function.

○ linear

○ exponential

○ periodic

○ odd

○ NONE OF THE ABOVE

d. [2 points] $g(x) = e^{3(x-4)}$.

$g(x)$ is a(n) _____ function.

○ linear

○ exponential

○ periodic

○ odd

○ NONE OF THE ABOVE

e. [2 points] $h(x) = \frac{2}{3}\sin(4x)$

$h(x)$ is a(n) _____ function.

○ linear

○ exponential

○ periodic

○ odd

○ NONE OF THE ABOVE