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
- [x] odd
- [ ] NONE OF THE ABOVE

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

\( g(x) \) is a(n) ________ function.

- [x] 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
- [x] periodic
- [x] odd
- [ ] NONE OF THE ABOVE