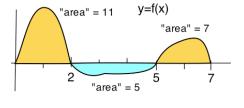


- (1) (e) When t=3 the object is moving LEFT RIGHT NEITHER
- 3. Use the given graph of f to evaluate these integrals (1 point each)

(a)
$$\int_{0}^{5} f(x) dx =$$
 ____ (b) $\int_{0}^{10} |f(x)| dx =$ ____
(c) $\int_{5}^{7} 2f(x) dx =$ ____ (d) $\int_{0}^{7} 1 + f(x) dx =$ ____



4. Think "area" to evaluate these integrals: (2 points each)

(a)
$$\int_{0}^{7} 4 - x \, dx =$$
 ____ (b) $\int_{0}^{7} |4 - x| \, dx =$ ____ (c) $\int_{1.2}^{3.4} INT(x) \, dx =$ ____

5. Define:
$$\int_{a}^{b} f(x) dx = \lim_{mesh \to 0} \left\{ \right\} (1)$$