Section 2-3

a.
$$\lim_{x \to 2} f(x) + \lim_{x \to 7} g(x) = |+0| = 1$$

b. $\lim_{x \to 7} f(x) + \lim_{x \to 7} g(x) = 0$

c. $\lim_{x \to 7} f(x) + \lim_{x \to 7} g(x) = 0$

e. $\lim_{x \to 7} f(x) = \lim_{x \to 7} g(x) = 0$

f. $\lim_{x \to 7} f(x) = 2^3 \cdot 2 = 16$
 $\lim_{x \to 7} f(x) = 14 = 2$
 $\lim_{x \to 7} f(x) = 14 = 2$

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= Ototn = \ 7

19-1 im
$$\frac{x+2}{x-2}$$
 ($x+2$) ($x+2$)

11/4/

Section 2-6 3-8, 15-30, 36 b. 1 in f(x) = 2 3.a. In f(x) =-2 2. DNE C. DNE e. x=2,-2 y=1,3 4. a. 2 2. WE JM 1 m t(x) = 00

71 1. 1. 1. 1.

7.
$$\frac{3x^{2}}{2}$$
 $\frac{3x^{2}}{2}$
 \frac

0 (0)

24, same as #23, 01 I think? 25, Jax tx -3x = Jto-1= 0 JTtax -1 26 Jx2+2x +x = J1+2x +1 = 2 27. Jxtax - xtby = 1/4 - 1/4 = 26. infinely 36 I Zort know 20, infuty 30. DNE