2-inf: 
$$x = 3$$
,  $x = 6$  (pt: (1, 16))

(1) Factored from using x-int:

$$f(x) = A(x-3)(x-6)$$
(2) Plug in pt
$$16 = A(-2)(-5)$$

$$\frac{1}{2} 10A$$

$$16 = 10A = A = 8/5$$
(3) Final ans:
$$f(x) = \frac{5}{5}(x-3)(x-6)$$

$$\frac{18}{5}(x^2 - 9x + 18)$$

6-0: +36-10

$$\frac{1}{9+16} = \frac{1}{2s} = \frac{10}{2s}$$

$$\frac{1}{2s} = \frac{1}{2s}$$

$$\frac{\cancel{x-int}}{\cancel{x}=1,3}$$

$$f(x) = A(x-1)(x-3)$$

$$2 = f(0) = A(-1)(-3)$$

$$A = 2(3)$$

$$f(x) = \frac{2}{3} \int x^2 - 4x + 3$$

$$\frac{2}{3}x^2 - \frac{8}{3}x + 2$$

$$x^2 - 10x + 29 = 0$$

$$\frac{10 \pm \sqrt{100 - 4(29)}}{2} = \frac{10 \pm \sqrt{-16}}{2}$$

$$\frac{404}{2000}$$

$$\frac{1}{2000}$$

$$\frac$$