

2.6 Practice

Find all discontinuities.

$$1. y = \frac{x^2 - 6x + 8}{x^3 - 7x^2 + 12x}$$

$$2. y = \frac{5x^2 - 45}{2x^2 - 14x + 24}$$

$$3. y = \frac{2x^2}{x^2 - 1}$$

$$4. y = \frac{3x}{4x - 2}$$

Create a function that would give you the following:

5. Hole: $x = 3$
VA: $x = -1$
HA: $y = 0$
SA: none

6. Hole: $x = -5$
VA: $x = 4, x = -4$
HA: none
SA: none

~~3.4 Practice~~

~~Page 140 #16, 18, 22, 26-34 evens~~

~~3.5 Practice~~

~~Pg 147 #11-25 odds~~