

$$4. f(x, y, z) = \frac{3xy}{z}$$

$$a) f(\underset{x}{1}, \underset{y}{-3}, \underset{z}{4}) = \frac{3(1)(-3)}{(4)} \\ = \left(\frac{-9}{4}\right)$$

$$b) f(0, 2, 5) = \frac{3(0)(2)}{(5)} \\ = \textcircled{0}$$

$$c) f(\underset{x}{1}, \underset{y}{2}, \underset{z}{12}) = \frac{3(1)(2)}{(12)} \\ = \frac{6}{12} \\ = \left(\frac{1}{2}\right)$$

$$5. f(x, y, z) = \sqrt{x - y - z}$$

$$a) f(\underset{x}{12}, \underset{y}{2}, \underset{z}{1}) = \sqrt{12 - 2 - 1} \\ = \sqrt{9} \\ = \textcircled{3}$$

$$b) f(\underset{x}{5}, \underset{y}{-10}, \underset{z}{-10}) = \sqrt{(5) - (-10) - (-10)} \\ = \sqrt{5 + 10 + 10} \\ = \sqrt{25} \\ = \textcircled{5}$$

$$c) f(8, 7, 1) = \sqrt{8 - 7 - 1} \\ = \sqrt{0} \\ = \textcircled{0}$$