

Name _____

Station #1

$$\textcircled{1} \frac{(3.8) - 2^2}{2^4 - (3.4)}$$

$$\textcircled{2} \frac{2[(7.3) + 6]}{26 \div 13}$$

$$\textcircled{3} 50 \div [4.5 - 36 \div 2]$$

Station #3

$$\textcircled{1} 4^3 \cdot 4^2$$

$$\textcircled{2} (-2)^3$$

$$\textcircled{3} -5^3$$

$$\textcircled{4} \left(\frac{2}{5}\right)^3$$

Station #2

Evaluate if $a=2, b=4, c=3$

$$\textcircled{1} 2bc - a + c^2$$

$$\textcircled{2} bc - ac + ab$$

Evaluate if $r=6, s=4, t=-3$

$$\textcircled{3} \frac{4(r-s)}{t-1}$$

$$\textcircled{4} 4r - 2s^2 - 3^t$$

$$\textcircled{5} 4^{(t+2)}$$

Station #4

$$\textcircled{1} (xy)^2 (x^4y^7)$$

$$\textcircled{2} (12x^4y^7)(3x^7y^4)$$

$$\textcircled{3} (-5xy^3)^2 (2x^4y^6)$$

$$\textcircled{4} x^4y^7x^9y^3$$

Station #5

$$\textcircled{1} \frac{8x^4y^3}{2x^9y^6}$$

$$\textcircled{2} \frac{-30x^5y^6z^2}{24x^5y^{12}z^{10}}$$

$$\textcircled{3} \frac{12x^4yz^9}{20x^2y^3z^4}$$

$$\textcircled{4} \frac{-9x^7y^2}{3x^4y}$$

Station #7

$$\textcircled{1} \left(\frac{x}{y}\right)^{-2}$$

$$\textcircled{2} \left(\frac{2x}{y^3}\right)^{-3}$$

$$\textcircled{3} \left(\frac{2}{5}\right)^{-2}$$

$$\textcircled{4} \left(\frac{3}{7}\right)^{-1}$$

Station #6

$$\textcircled{1} 12^{-2}$$

$$\textcircled{2} 5^{-3}$$

$$\textcircled{3} 4^{-6} \cdot 4^2$$

$$\textcircled{4} 3^2 \cdot 3^{-3}$$

Station #8

$$\textcircled{1} (2x^{-4}y)(3x^9y^3)$$

$$\textcircled{2} (2x^{-4})(5x^7)$$

$$\textcircled{3} x^{-9} \cdot x^5$$

$$\textcircled{4} 20x^{-7}$$

Station #9

$$\textcircled{1} \frac{x^{-6}y^5}{z^{-3}}$$

$$\textcircled{2} \frac{12}{x^{-6}y^{-3}z^4}$$

$$\textcircled{3} \frac{20}{35x^{-9}y^3}$$

$$\textcircled{4} (y^{-3})^2$$