

$$1) \frac{10x^{-5}y^8z^3}{5x^1y^6z^5} = 2x^{-6}y^2z^{-2} \text{ (Skyl) } 4) \sqrt{92}$$

$$= \frac{2y^2}{x^6z^2}$$

$$2) \frac{(4x^3y^4)^2}{4x^3y^5z^4}$$

$$= \frac{12x^3y^3z^6}{1}$$

$$9.6$$

$$3) (x^2y^{-2}z^2)^{-2}$$

$$x^{-2}y^4z^{-4}$$

$$\frac{y^4}{x^4z^4} \text{ (WUU) } 5)$$

$$6x + 5 - 6 + -8x + 13$$

$$-2x + 12$$

0.0000000022

$$2.2 \times 10^{-9}$$

6890000000000

$$6.89 \times 10^{12}$$

$$3.69 \times 10^5$$

3.690000

369,000

$$(5.19 \times 10^4) + (2.1 \times 10^4)$$

$$\begin{array}{r} 5.19 \\ + 2.1 \\ \hline 7.29 \times 10^4 \end{array}$$

$$(1.78 \times 10^8) + (7.8 \times 10^8)$$

$$1.78 \times 10^8$$

$$7.8 \times 10^8$$

$$9.58 \times 10^8$$

$$(5.7 \times 10^4) + (8.1 \times 10^7)$$

005.7

$$\begin{array}{r} .0057 \times 10^7 \\ 8.1 \times 10^7 \\ \hline \end{array}$$

$$8.1057 \times 10^7$$

8.100

$$\begin{array}{r} 8100. \times 10^4 \\ 5.7 \times 10^4 \\ \hline \end{array}$$

$$\begin{array}{r} 8.1057 \times 10^4 \\ 8.1057 \times 10^7 \end{array}$$

$$4.4 \times 10^{-6} + 8.8 \times 10^{-6}$$

$$\begin{array}{r} 4.4 \\ + 8.8 \\ \hline 13.2 \end{array} \times 10^{-6}$$

$$1.32 \times 10^{-5}$$

1.32  $\times 10^{-5}$



$$(4.81 \times 10^3) + (7.913 \times 10^5)$$

$$\begin{array}{r} 0.0481 \times 10^5 \\ 7.913 \times 10^5 \\ \hline 7.9611 \times 10^5 \end{array}$$

$$4.81 \times 10^3 \quad 7.913 \times 10^5$$
$$4810 + 791300$$

$$\begin{array}{r} + 791300 \\ + 4810 \\ \hline 796110 \\ 7.9611 \times 10^5 \end{array}$$

$$2) \quad (5.7 \times 10^4) + (8.1 \times 10^7)$$

$$5.7000 \quad 8.1000000$$

$$57000 + 81000000$$

$$\begin{array}{r} + 57000 \\ \hline 81057000 \end{array}$$

$$8.1057 \times 10^7$$