



Division of Algebraic Expressions Ex 8.4 Q5

**Answer :**

$$\begin{array}{r} x + 3 \\ x + 4 \overline{) x^2 + 7x + 12} \\ \underline{x^2 + 4x} \phantom{+ 12} \\ 3x + 12 \\ \underline{3x + 12} \\ 0 \end{array}$$

Division of Algebraic Expressions Ex 8.4 Q6

**Answer :**

$$\begin{array}{r} 2y + \frac{1}{2} \\ \hline 2y + 1 \overline{) 4y^2 + 3y + \frac{1}{2}} \\ \underline{4y^2 + 2y} \phantom{\frac{1}{2}} \\ y + \frac{1}{2} \\ \underline{y + \frac{1}{2}} \\ 0 \end{array}$$

**Answer :**

$$\begin{array}{r} 3x^2 - 2x + 9 \\ x + 2 \overline{) 3x^3 + 4x^2 + 5x + 18} \\ \underline{3x^3 + 6x^2} \phantom{+ 5x + 18} \\ -2x^2 + 5x + 18 \\ \underline{-2x^2 - 4x} \phantom{+ 18} \\ 9x + 18 \\ \underline{9x + 18} \\ 0 \end{array}$$

Division of Algebraic Expressions Ex 8.4 Q8

**Answer :**

$$\begin{array}{r} 2x - 5 \\ 7x - 9 \overline{) 14x^2 - 53x + 45x} \\ \underline{14x^2 - 18x} \phantom{+ 45x} \\ -35x^2 + 45x \\ \underline{-35x^2 + 45x} \\ 0 \end{array}$$

\*\*\*\*\* END \*\*\*\*\*