

วิชาคณิตศาสตร์เพิ่มเติม ม.2

การคูณเอกนามกับพหุนาม

คำชี้แจง จงหาผลคูณต่อไปนี้

1. $(-3x)(8 + x)$

$$\begin{aligned} \text{วิธีทำ} \quad (-3x)(8 + x) &= (-3x)(\dots\dots\dots) - (\dots\dots\dots)(x) \\ &= \dots\dots\dots - \dots\dots\dots \end{aligned}$$

2. $(9x^2 - 7)(4x)$

$$\begin{aligned} \text{วิธีทำ} \quad (9x^2 - 7)(4x) &= (9x^2)(\dots\dots\dots) - (\dots\dots\dots)(\dots\dots\dots) \\ &= \dots\dots\dots - \dots\dots\dots \end{aligned}$$

3. $(-x)(-10x^2 + 6)$

$$\begin{aligned} \text{วิธีทำ} \quad (-x)(-10x^2 + 6) &= (-x)(\dots\dots\dots) + (\dots\dots\dots)(\dots\dots\dots) \\ &= \dots\dots\dots - \dots\dots\dots \end{aligned}$$

4. $(11x)(x^2 + 7x)$

$$\begin{aligned} \text{วิธีทำ} \quad (11x)(x^2 + 7x) &= (\dots\dots\dots)(\dots\dots\dots) + (\dots\dots\dots)(\dots\dots\dots) \\ &= \dots\dots\dots - \dots\dots\dots \end{aligned}$$

5. $(6x)(3 - 5x - 7x^2)$

$$\begin{aligned} \text{วิธีทำ} \quad (6x)(3 - 5x - 7x^2) &= (\dots\dots\dots)(\dots\dots\dots) - (\dots\dots\dots)(\dots\dots\dots) - (\dots\dots\dots)(\dots\dots\dots) \\ &= \dots\dots\dots - \dots\dots\dots \end{aligned}$$