

## Multiplying Facts 11 and 12 (A)

**Find each product.**

$$\begin{array}{ccccccccccccc} 7 & 3 & 10 & 11 & 8 & 4 & 5 & 2 & 2 & 3 \\ \times 12 & \times 12 & \times 12 & \times 11 & \times 11 & \times 11 & \times 12 & \times 11 & \times 12 & \times 12 \\ \hline \end{array}$$

$$\begin{array}{cccccccccccc} 11 & 3 & 1 & 10 & 7 & 5 & 6 & 11 & 11 & 1 \\ \times 12 & \times 12 & \times 11 & \times 12 \end{array}$$

$$\times 11 \quad \times 12 \quad \times 11 \quad \times 12$$

$$\begin{array}{ccccccccccccc} 1 & 1 & 12 & 11 & 4 & 11 & 2 & 12 & 5 & 7 \\ \times 11 & \times 11 & \times 11 & \times 12 & \times 12 & \times 11 & \times 12 & \times 12 & \times 11 & \times 11 \end{array}$$

$\times \frac{1}{11}$     $\times \frac{1}{11}$     $\times \frac{1}{12}$     $\times \frac{1}{11}$     $\times \frac{1}{11}$     $\times \frac{1}{12}$     $\times \frac{1}{12}$     $\times \frac{1}{12}$     $\times \frac{1}{11}$     $\times \frac{1}{11}$     $\times \frac{1}{11}$

$$x^{12} - x^9 + x^6 - x^3 + x^5 - x^8 + x^7$$

$$3 \quad 1 \quad 7 \quad 7 \quad 12 \quad 10 \quad 11 \quad 1 \quad 4 \quad 9$$

$$-11 \quad -12 \quad -11 \quad -11 \quad -12 \quad -11 \quad -11 \quad -12 \quad -11 \quad -11$$

$$4 \quad 8 \quad 2 \quad 6 \quad 10 \quad 6 \quad 4 \quad 4 \quad 6 \quad 1$$

5      10      1      1      3      10      2      7      2      1

12      7      4      8      6      12      3      2      8      1