

$$\begin{aligned} & 1a \cdot 2b + 3a \\ &= 1 \cdot a \cdot 2 \cdot b + 3a \\ &= 1 \cdot 2 \cdot a \cdot b + 3a \\ &= 2ab + 3a \end{aligned}$$

$$\begin{aligned} & 1a \cdot a \cdot b \\ &= 1a^2b \end{aligned}$$

$$\begin{aligned} & \underline{4x} + \underline{3y} + \underline{3x} - \underline{4y} \\ &= \underline{7x} - \underline{1y} \end{aligned}$$

$$\begin{aligned} & 7x \cdot 7x \cdot 5x \mid -16x \mid +17x \\ = & \underline{245x^3} \quad \underline{-16x} \quad \underline{+17x} \\ = & \underline{245x^3} \quad \underline{+1x} \end{aligned}$$

$$\begin{aligned} & 8a \cdot 6b \mid + a \cdot b \\ = & 48ab \quad +1ab \\ = & 49ab \end{aligned}$$

$$\begin{aligned} & 8a \cdot 6b \cdot ab \\ = & 48aabb \\ = & 48a^2b^2 \end{aligned}$$

$$2 \cdot (3a + 1b) = 6a + 2b$$

$$\begin{array}{c} a^b \\ a^a \end{array} + \begin{array}{c} a^a \\ b^a \end{array} = \begin{array}{c} a^a \quad a^a \\ a^b \quad b^a \\ a^a \quad a^a \end{array}$$

$$3 \cdot (4a - 5b) = 12a - 15b$$

$$5x \cdot (3y - 6b) = \underline{15xy} - \underline{30bx}$$

$$5(2a + b - 3c) = \underline{10a} + \underline{5b} - \underline{15c}$$

$$7(x+4) = 7x + 28$$

$$2(x-11) = 2x - 22$$

$$-(x-7) = -1(\underline{1x-7}) = \underline{-1x+7}$$

$$3(a+b) = 3a + 3b$$

$$-(x+y) = -1(1x+1y) = -1x-1y$$

$$-5(u-1) = -5u + 5$$

$$3(a+b+c) = 3a + 3b + 3c$$

$$5(x+y-4) = 5x + 5y - 20$$

$$-(p-q+5) = -p + q - 5$$

$$-(2t + 7u - 3v)$$

$$-1 \cdot (2t + 7u - 3v)$$

$$-2t - 7u + 3v$$