5.6 Multiplying & Dividing a Polynomial by a Monomial

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Symbolically Find each product (a) 3x(9x-4) (b) -6x(-7x+5) $= (3 \times (9 \times) + (3 \times (-4)) = 42 \times (-12 \times)$ = $27 \times (-12 \times)$ = $27 \times (-12 \times)$ - 30x Find the guotlent $(b)(9x^2) - (-3x)$ $(\alpha) - 8S^2 + 6S^2$ $= \frac{9\times 1}{-3}$ $= \frac{-8s^{2}}{-2x} + \frac{6x}{-2x}$ $-4_{S}+(-3)$ = |4S - 3|Write the multiplication sentence modelled by the rectangle 2x(5x+3)2χ

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 $Z \times (\Im \times + 3)$ 2χ $Dx^2 + 6x$ 3 5x Write the multiplication sentence 2 × · (b.) _ X † 3 D D D D (α) $\int \int |V_X|^2 = 2x$ 2× 4xz $(2 \times (2 \times) =$ $7\sqrt{2} +$ 255 # 4- 12, 14, 16, 20, 21