

$$\frac{18x^6(x^4)^5}{9x^{13}} = \frac{18}{9} \cdot \frac{x^6x^{4 \cdot 5}}{x^{13}} = 2 \cdot \frac{x^6x^{20}}{x^{13}} = 2 \cdot \frac{x^{6+20}}{x^{13}} =$$
$$2 \cdot \frac{x^{26}}{x^{13}} = 2 \cdot x^{26-13} = 2x^{13}$$