

## **Soluzioni esercizi su prodotto, divisione e potenze di monomi**

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$$a \cdot a \cdot a = a^3$$

$$a^2 \cdot a^2 \cdot a^2 = a^{2+2+2} = a^6$$

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$$(-12x^4y) : (+6x^2) = -2x^2y$$

$$(-18x^6y^4z) : (6x^6y^2z) = -3y^2$$

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$$\left(-\frac{3}{4}x^3y\right) \cdot \left(-\frac{4}{7}xy^2\right) = \frac{3}{7}x^4y^3$$

$$\left(+\frac{3}{4}x^3y^2z\right) : \left(-\frac{9}{4}xy\right) = -\frac{1}{3}x^2yz$$

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$$\left(-\frac{3}{4}x^3y^2z\right) \cdot \left(+\frac{9}{4}xy\right) = -\frac{27}{16}x^4y^3z$$

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$$\left(\frac{21}{5}x^2y^4z\right) \cdot \left(\frac{15}{7}xy^2z\right) = 9x^3y^6z^2$$