

Student Name: \_\_\_\_\_

Score: \_\_\_\_\_

**Divide the Monomials**

$$\frac{9x^4}{3x^2} = \underline{\hspace{2cm}}$$

$$\frac{-4ab^2}{a^2b} = \underline{\hspace{2cm}}$$

$$\frac{10x^3y^2z}{2xyz} = \underline{\hspace{2cm}}$$

$$\frac{3abc}{6a^2b^3c^4} = \underline{\hspace{2cm}}$$

$$\frac{5x}{10y} = \underline{\hspace{2cm}}$$

$$\frac{25x^3}{125x^4} = \underline{\hspace{2cm}}$$

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### Answers

$$\frac{9x^4}{3x^2} = 3x^2$$

$$\frac{-4ab^2}{a^2b} = -\frac{4b}{a}$$

$$\frac{10x^3y^2z}{2xyz} = 5x^2y$$

$$\frac{3abc}{6a^2b^3c^4} = \frac{1}{2ab^2c^3}$$

$$\frac{5x}{10y} = \frac{x}{2y}$$

$$\frac{25x^3}{125x^4} = \frac{1}{5x}$$