9 - 6
Divide by a Monomial

Ex: $\dfrac{6mn}{3m}$ $\boxed{2n}$

Ex: $\dfrac{-4pq}{2q}$ $\boxed{-2p}$

Ex:

$$\frac{\cancel{w}x\cancel{z}}{\cancel{w}\cancel{z}} \qquad \boxed{x}$$

$$\frac{\cancel{w}\cancel{z}}{\cancel{w}x\cancel{z}} \qquad \left(\frac{1}{x}\right)$$

$$\frac{2\cancel{w}\cancel{z}}{\cancel{w}y\cancel{z}} \qquad \left(\frac{2}{y}\right)$$
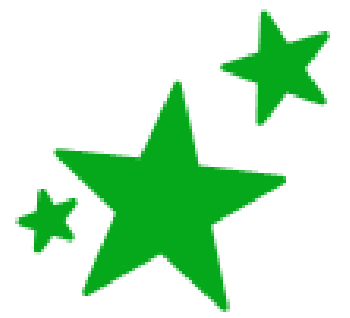
$$\frac{a^m}{a^n} = a^{m-n}$$

$$\frac{x^6}{x^2} = x^4$$

Ex: $\dfrac{x^5}{x^2}$ $\boxed{x^3}$

Ex: $\dfrac{16x^2y^5}{2x^2y^1}$ $\boxed{8y^4}$

Ex: $\dfrac{25x^4y^6}{5x^2y^3}$

$$\boxed{5x^2y^3}$$
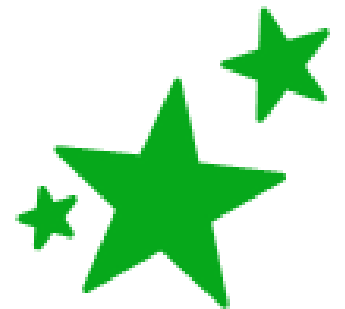
$$\frac{a+b}{c} = \frac{a}{c} + \frac{b}{c}$$
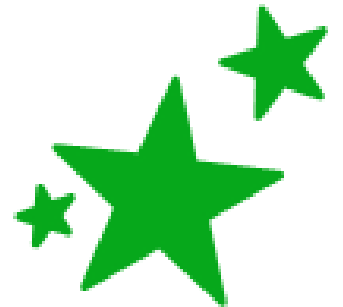
Ex: $\dfrac{6a + 9}{3}$ $\boxed{2a + 3}$

Ex: $\dfrac{2x^4 + 8x^3 + 12x^2}{2x^2}$

$\boxed{x^2 + 4x + 6}$

(BB # 3)

Homework:

p.420 # 14 - 42 even