1. Divide: $24n^5 \div 6n^4$

2. Divide:
$$\frac{60y^4 - 15y^3}{15y^2} = \frac{60y^4}{15y^3} = \frac{15y^3}{15y^3}$$

3. Divide: $\frac{15x^7 - 5x^3 + 45x}{-5x} = \frac{15x^7}{-5x} - \frac{5x^3}{-5x} + \frac{45x}{-5x}$ $= -3x^{6} - (-x^{2}) + (-9)$ $=[-3x^{6}+x^{2}-9]$

4. Find the unknown factor: $\underbrace{3 \cdot (?)}_{3} = \underbrace{9x + 6}_{3}$

$$(?) = \frac{9x}{3} + \frac{6}{3}$$

$$= 3x + 2$$

5. Find the unknown factor: $18x^5 - 9x^3 + 3x^2 = 3x^2$ (?)

$$(?) = \frac{18x^5}{3x^1} - \frac{9x^3}{3x^2} + \frac{3x^2}{3x^2}$$

$$=6x^3-3x+1$$

- 7. Factor: $28y^4 7y^3 + 14y \leftarrow GCF \cdot f \cdot 28y^4, 7y^3, 14y \cdot is 7y$ $= 7y \left(\frac{28y^4 7y^3 + 14y}{7y} \right)$ $= 7y \left(\frac{4y^3 y^2 + 2}{7y} \right)$