

Name _____

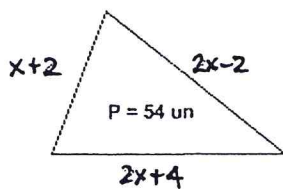
Date _____ Per _____ A# _____

Exponents (Part 4)

| # | Original Form | Factored Form | Simplified Form |
|----|--|---------------|-----------------|
| 1 | $\frac{x^2}{x^4}$ | | |
| 2 | $\frac{6y^2}{18y^6}$ | | |
| 3 | $3x^2 \cdot 4x$ | | |
| 4 | $x^4 \cdot x^3 \cdot x$ | | |
| 5 | $-8c^2 \cdot 4c^7$ | | |
| 6 | $\frac{5x^3 \cdot 3y}{25x \cdot 6y^3}$ | | |
| 7 | $(2xy^4)^3$ | | |
| 8 | $\frac{-6b^4}{14y}$ | | |
| 9 | $(14n^3)^0$ | | |
| 10 | $3x^2 \cdot 4x^2 \cdot 5x$ | | |
| 11 | $(2bc)^2 \cdot a^2 c^3$ | | |
| 12 | $\left(\frac{2x}{3x}\right)^2$ | | |
| 13 | $\left(\frac{5n^3}{n^3}\right)^2$ | | |

Write an equation and solve for x. (5D method NOT required)

14.



15.

