



ACT COMPASS Preparation Worksheet

Pre-algebra: Exponents

- $4^2 \cdot 4^2$
- $3^2 \cdot 3^2$
- $2n^4 \cdot 5n^4$
- $2n^4 \cdot 6n^4$
- $5b^2 \cdot 8b$
- $6x \cdot 2x^2$
- $7v^3 \cdot 10u^3v^5 \cdot 8uv^3$
- $6n^3n^3 \cdot 8m^2n^3$
- $7u^2v^5 \cdot 9uv^3$
- $10xy^3 \cdot 8x^5y^3$
- $(2x^2)^2$
- $(k^3)^4$
- $(x^2)^3$
- $\frac{5^4}{5}$
- $\frac{2^2}{2^3}$
- $\frac{3r^3}{2r}$
- $\frac{10p^4}{6p}$
- $\frac{8m^3}{10m^3}$
- $\frac{2n^2}{n}$
- $\frac{12x^3}{9y^8}$
- $\frac{11u^4}{17u^7v^9}$
- $\frac{12yx^4}{10yx^8}$
- $\frac{5n^8}{20n^8}$
- $(3a^2)^3$
- $(3x^4)^4$
- $(7y^4)^2$
- $(2x^4y^4)^3$
- $(x^2y^2)^2$
- $(u^4v^3)^2$
- $(2x^4y^4)^3$
- $(3x^2 \cdot 2x^2)^2$
- $(4x^4 \cdot x^4)^3$