

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

# Math is Gold

Date: \_\_\_\_\_

Topic: Exponents

(id:exp\_simplify\_B.1)

Title: Simplify

$$1) \frac{2x^3}{5y^4} \cdot \frac{10y^5}{x^4}$$

$$2) \frac{15a^7}{b^4} \cdot \frac{b^5}{10a^3}$$

$$3) \frac{p^2}{3q^4} \cdot \frac{2q^{10}}{p}$$

$$4) \frac{m^4}{9n^5} \cdot \frac{3n^7}{m}$$

$$5) \frac{15c^{11}}{d^7} \cdot \frac{d^4}{3c^{10}}$$

$$6) \frac{3r^5}{s^7} \cdot \frac{2s^6}{21r^7}$$

$$7) \frac{20u^5}{7v^9} \cdot \frac{14v^7}{5u^3}$$

$$8) \frac{5k^{10}}{7j^7} \cdot \frac{12j^{10}}{5k^8}$$

$$9) \frac{2f^{10}}{g} \cdot \frac{11g^8}{4f^7}$$

$$10) \frac{h^{12}}{16k^5} \cdot \frac{8k^{10}}{h^7}$$

$$11) \frac{7x^5y^8}{21x^3y^7}$$

$$12) \frac{5a^7b^3}{10a^2b^5}$$

$$13) \frac{21p^7q^6}{-3q^7p^2}$$

$$14) \frac{-2m^{10}n^7}{4n^{10}m^3}$$

$$15) \frac{3n^{21}p^{10}}{-21p^7n^{15}}$$