



Dividing Monomials

Name _____

Score _____

MP:05

Find the missing monomial in each problem.

1) $\div 12pq^2rs = \frac{1}{3}p^4q^6r^{10}s$

2) $9m^5n^5 \div$ $= 3m^3n^3$

3) $\div 15z = 6z^{12}$

4) $14g^3h^7 \div$ $= 7g^3h^7$

5) $\div -5a^3b^2 = 6a^3b^6$

6) $-65k^8 \div$ $= -5k^4$

7) $\div 4x^3y^2 = -2x^6y^2$

8) $5c^9d^4 \div$ $= -\frac{1}{2}c^8d$



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Answer key

MP:05

Find the missing monomial in each problem.

$$1) \quad 4p^5q^8r^{11}s^2 \div 12pq^2rs = \frac{1}{3}p^4q^6r^{10}s$$

$$2) \quad 9m^5n^5 \div 3m^2n^2 = 3m^3n^3$$

$$3) \quad 90z^{13} \div 15z = 6z^{12}$$

$$4) \quad 14g^3h^7 \div 2 = 7g^3h^7$$

$$5) \quad -30a^6b^8 \div -5a^3b^2 = 6a^3b^6$$

$$6) \quad -65k^8 \div 13k^4 = -5k^4$$

$$7) \quad -8x^9y^4 \div 4x^3y^2 = -2x^6y^2$$

$$8) \quad 5c^9d^4 \div -10cd^3 = -\frac{1}{2}c^8d$$