Dividing Monomials

Name _____

Score _____

MP:04

Find the missing monomial in each problem.

1) $25g^3h^5 \div \square = 5g^2h^4$

2) $\square \div 11n^5 = -6n^7$

3) $8ab^3c^6d^8 \div \square = -4ab^2c^4d^5$

4) $18v^9w^5 \div \square = 2v^7w^3$

5) $\square \div 15m^6 = 5m^4$

6) $\square \div -60x^3y = -\frac{5}{6}x^3y^6$

7) $-48p^3q^9 \div \square = 8q^6$

8) $\square \div 7 = 6t^5u^2$

Dividing Monomials

Name _____

Score _____

Answer key

MP:04

Find the missing monomial in each problem.

1) $25g^3h^5$ ÷ **$5gh$** = $5g^2h^4$

2) **$-66n^{12}$** ÷ $11n^5$ = $-6n^7$

3) $8ab^3c^6d^8$ ÷ **$-2bc^2d^3$** = $-4ab^2c^4d^5$

4) $18v^9w^5$ ÷ **$9v^2w^2$** = $2v^7w^3$

5) **$75m^{10}$** ÷ $15m^6$ = $5m^4$

6) **$50x^6y^7$** ÷ $-60x^3y$ = $-\frac{5}{6}x^3y^6$

7) $-48p^3q^9$ ÷ **$-6p^3q^3$** = $8q^6$

8) **$42t^5u^2$** ÷ 7 = $6t^5u^2$