

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

## Dividing Monomials

Sheet 1

Divide the following.

1)  $33s^5t^4u^8 \div 11st^3u^8$

2)  $10xy^2 \div (-5xy^2)$

3)  $-12m^2n^{12} \div n^3$

4)  $pq^9r^{13} \div q^4r^6$

5)  $60c^4d^6 \div 15c^2d^3$

6)  $16a^{20}b^4 \div 24a^{14}$

7)  $56xy^7z^4 \div 4$

8)  $t^3 \div (-t)$

9)  $35v^8w^6 \div 7v^3$

10)  $42g^{11}h^{15} \div 6g^4h^{10}$

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## Answer key

### Dividing Monomials

Sheet 1

Divide the following.

1)  $33s^5t^4u^8 \div 11st^3u^8$

**$3s^4t$**

2)  $10xy^2 \div (-5xy^2)$

**$-2$**

3)  $-12m^2n^{12} \div n^3$

**$-12m^2n^9$**

4)  $pq^9r^{13} \div q^4r^6$

**$pq^5r^7$**

5)  $60c^4d^6 \div 15c^2d^3$

**$4c^2d^3$**

6)  $16a^{20}b^4 \div 24a^{14}$

**$\frac{2}{3}a^6b^4$**

7)  $56xy^7z^4 \div 4$

**$14xy^7z^4$**

8)  $t^3 \div (-t)$

**$-t^2$**

9)  $35v^8w^6 \div 7v^3$

**$5v^5w^6$**

10)  $42g^{11}h^{15} \div 6g^4h^{10}$

**$7g^7h^5$**