

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

## Dividing Polynomials

Sheet 2

Divide the following.

1)  $(10st^5u - 2t^6u + 4t^4u^3 + 6st^7u^2) \div 2t^4u$

2)  $g^4h^2 \div gh$

3)  $(8m^9n^3 - 12m^5n) \div 4m^5$

$u^4w - u^5vw) \div u^2v$

5)  $(r^8s + 17r^3s^8 - 5r^2s) \div r^2s$

$18a^5b^7) \div (-3a^4b^2)$

7)  $(19xy^4z - x^3yz^2 + x^3yz - 7xy^3z) \div xyz$

8)  $(16p^9 + 14pq^9) \div 2p$

# PREVIEW

Gain complete access to the largest collection of worksheets in all subjects!

Members, please log in to download this worksheet.

Not a member? Please sign up to gain complete access.

[www.mathworksheets4kids.com](http://www.mathworksheets4kids.com)

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

## Answer key

Sheet 2

### Dividing Polynomials

Divide the following.

1)  $(10st^5u - 2t^6u + 4t^4u^3 + 6st^7u^2) \div 2t^4u$

2)  $g^4h^2 \div gh$

$3st^3u + 5st - t^2 + 2u^2$

$g^3h$

3)  $(8m^9n^3 - 12m^5n) \div 4m^5$

$u^4w - u^5vw) \div u^2v$

$2m^4n^3 - 3n$

**PREVIEW**

Gain complete access to the largest collection of worksheets in all subjects!

Members, please log in to download this worksheet.

Not a member? Please sign up to gain complete access.

[www.mathworksheets4kids.com](http://www.mathworksheets4kids.com)

$w + 1$

5)  $(r^8s + 17r^3s^8 - 5r^2s) \div r^2s$

$18a^5b^7) \div (-3a^4b^2)$

$17rs^7 + r^6 - 5$

7)  $(19xy^4z - x^3yz^2 + x^3yz - 7xy^3z) \div xyz$

8)  $(16p^9 + 14pq^9) \div 2p$

$19y^3 - x^2z + x^2 - 7y^2$

$7q^9 + 8p^8$