

Name : _____

Subtracting Polynomials

Single-variable: L2S4

Subtract the polynomials.

1) $(5w^2 + 8 + 6w^3 + w^4) - (w^4 + 5w^2 + 2w + 8 + 6w^3)$ 2) $\left(\frac{1}{8}t^2 + 5t^3 - \frac{5}{8}t^4 - t - 9\right) - \left(\frac{7}{8}t^2 - t - \frac{5}{8}t^4 + 10t^3\right)$

3) $\left(-3b^3 - \frac{1}{2}b^4 - \frac{2}{3}b^5\right) -$

PREVIEW

$-\left(-\frac{2}{9}d + \frac{5}{7}d^3 - 10\right)$

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

5) $\left(\frac{1}{4}h^3 + \frac{8}{9}h^5 - \frac{5}{9} - \frac{6}{7}h\right)$

Members, please
log in to
download this
worksheet.

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

$-\left(-6 - \frac{3}{4}u - \frac{2}{5}u^4 - \frac{1}{9}u^3\right)$

www.mathworksheets4kids.com

7) $\left(\frac{5}{6} - \frac{3}{5}x^4 + x + \frac{1}{2}x^3 - x^2\right) - \left(-x^4 - x^2 - x + \frac{5}{6} + x^3\right)$ 8) $\left(\frac{1}{3}r^6 - r^2 + \frac{3}{7}r^3 - \frac{4}{9}r^4 + \frac{1}{5}r\right) - \left(\frac{3}{7}r^3 - \frac{4}{9}r^4 + \frac{1}{3}r^6\right)$