

Name : _____

Adding Polynomials

Single-variable: L2S1

Add the polynomials.

1) $t^4 - 2t^2 + 4 - \frac{1}{3}t^3 - 5t$, $\frac{3}{8}t^2 + \frac{3}{4} - \frac{6}{7}t^4 + 5t + 2t^3$ 2) $-\frac{7}{8}v^6 - \frac{4}{7}v^3 - \frac{5}{9}v^5 - \frac{2}{7}v$, $-\frac{1}{4}v^2 - \frac{2}{9}v^5 - 4v^4$

3) $\frac{8}{9}h^3 + \frac{5}{7} + \frac{1}{5}h^2 + \frac{1}{3}h$

PREVIEW

$17a^4 + 10a^2 + \frac{3}{4}a$

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

5) $4m^5 - m^4 - 7m^3 - \frac{1}{9}m$

Members, please
log in to
download this
worksheet.

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

$-24 - 19x^2 - x^3 + 8x^4 + 32x$

7) $-\frac{5}{6} + 10q^3 + 2q + q^2$, $-q^2 + 3q - \frac{1}{6}$

8) $\frac{3}{5}u^2 - \frac{4}{5}u^3 - \frac{2}{5}u^4$, $-4u^4 + 3u^5 + u^3 + 5u^2$

www.mathworksheets4kids.com

Name : _____

Answer key

Adding Polynomials

Single-variable: L2S1

Add the polynomials.

1) $t^4 - 2t^2 + 4 - \frac{1}{3}t^3 - 5t$, $\frac{3}{8}t^2 + \frac{3}{4} - \frac{6}{7}t^4 + 5t + 2t^3$ 2) $-\frac{7}{8}v^6 - \frac{4}{7}v^3 - \frac{5}{9}v^5 - \frac{2}{7}v$, $-\frac{1}{4}v^2 - \frac{2}{9}v^5 - 4v^4$

$$\frac{1}{7}t^4 + \frac{5}{3}t^3 - \frac{13}{8}t^2 + \frac{19}{4}$$

$$-\frac{7}{8}v^6 - \frac{7}{9}v^5 - 4v^4 - \frac{4}{7}v^3 - \frac{1}{4}v^2 - \frac{2}{7}v$$

3) $\frac{8}{9}h^3 + \frac{5}{7} + \frac{1}{5}h^2 + \frac{1}{3}h$

PREVIEW

$$17a^4 + 10a^2 + \frac{3}{4}a$$

$$-\frac{1}{3}h$$

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

$$2 + \frac{3}{4}a - \frac{1}{2}$$

5) $4m^5 - m^4 - 7m^3 - \frac{1}{9}m$

Members, please log in to download this worksheet.

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

$$-24 - 19x^2 - x^3 + 8x^4 + 32x$$

$$\frac{7}{9}m^6 + 4m^5 + 4m^4 - 7$$

www.mathworksheets4kids.com

7) $-\frac{5}{6} + 10q^3 + 2q + q^2$, $-q^2 + 3q - \frac{1}{6}$

8) $\frac{3}{5}u^2 - \frac{4}{5}u^3 - \frac{2}{5}u^4$, $-4u^4 + 3u^5 + u^3 + 5u^2$

$$10q^3 + 5q - 1$$

$$3u^5 - \frac{22}{5}u^4 + \frac{1}{5}u^3 + \frac{28}{5}u^2$$