Name : _____

Adding Polynomials

Add the polynomials.

1) $8m^2 + m^4 + n - 3n^6$, $-m^4 - 7 + n^6 - 3m^2 - n$, $12n^6 - 5m^2 - 9mn^4 + m + 7$

2) $vwx + 29 - 3u$, $-34 - 15w^2 - 2v^6$, $15w^2 + 2v^6 - 6vwx - 12 + 3u$

3) $-5p^4 - p^2qr + 9$ ... $-p^2qr + 5p^4q^3 + p^4$

4) $-7h^5 - h - g^3h$ ... $h + 7h^5 + 3 + 8k$

5) $2 - 7x - xy$,

6) $11rst^4 - 5r - 6 - 13t + r^3$, $9r^5 + 13t + r^3 + 6 - 8s^2$, $5r - 9r^5 - 11rst^4 - 2r^3$

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

Answer key

Adding Polynomials

Add the polynomials.

1) $8m^2 + m^4 + n - 3n^6$, $-m^4 - 7 + n^6 - 3m^2 - n$, $12n^6 - 5m^2 - 9mn^4 + m + 7$

   $10n^6 - 9mn^4 + m$

2) $vwx + 29 - 3u$, $-34 - 15w^2 - 2v^6$, $15w^2 + 2v^6 - 6vwx - 12 + 3u$

   $-5vwx - 17$

3) $-5p^4 - p^2qr + 9$ ... $-p^2qr + 5p^4q^3 + p^4$

   $-7p^4q^3 + 12q$ ...

4) $-7h^5 - h - g^3h$ ... $h + 7h^5 + 3 + 8k$

   $9h^5 + 5g^3h - 1$ ...

5) $2 - 7x - xy$, ...

   $26y^4 + 7z^3 + xy - 8x + 6$

6) $11rst^4 - 5r - 6 - 13t + r^3$, $9r^5 + 13t + r^3 + 6 - 8s^2$, $5r - 9r^5 - 11rst^4 - 2r^3$

   $-8s^2$