Help with the following problems. Please work the problem out. Thank you

1. Simplify

-5y^4(y^5)^2

15y^7(y^2)^3

1. Parenthesis is around the whole problem.

(3^3)^2

3

1. Simplify

w^-4

w^6

1. Simplify \* Parenthesis is around the whole problem\*

(2s^-1t^3)^-3

6s^2t^-4

1. Write in standard notation.

9.3 x 10^-5

1. Write in standard notation.

8 x 10^6

1. Perform computations. Write answer in scientific notation.

9 x 10^-4

3 x 10^-6

1. Evaluate.

-2x^4-3x^2+5x-9 for x = 2.

1. (w^2-2w+1) + (2w-5+w^2)
2. (4-5y+y^3) – (2-3y+y^2)
3. Find the product

-12sq · 3s

1. (5x-6)(5x-6)
2. Use the FOIL Method.

(11x+3y)(x+4y)

1. Find each product.

(3h-5)(3h+5)

1. Find each product.

(3y^2 + 1)(3y^2 – 1)

1. (3z^4 – 8)^2
2. Parenthesis is around the whole problem.

(2 1)^2

3 y - 2

1. Find the quotient.

b^19

b^12

1. -12z^10y^2

-2z^4y^2

1. 2x^2+4

2x