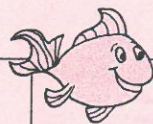


# Block 8

## gone fishin' With Polynomials!



RED: Classifying



YELLOW: Adding & Subtracting

1) Directions: for each label the degree & # of terms.

1) Directions: Add or Subtract the Polynomials

2)

$$y^4 + 2y^3 - 10y^2 + 7y$$

2)

$$(8k^3 - 8k - 5) + (4k - 8k^3 - 6)$$

3)

$$a^2 - 2a - 8$$

3)

$$(4 - n^3 - 7n^2) - (5 - 3n^3 - 8n^2)$$

4)

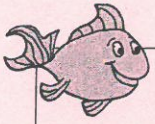
$$7x + 10$$

4)

$$(8x - 1 + 7x^3) - (x + x^2 - 3x^3)$$

5)

5)



GREEN: Multiplying



BLUE: Dividing

1) Directions: Find the product.

1) Directions:  
Find the product

2)

$$(5m+3)(m-2)$$

2)

$$\frac{27x^4 - 9x^3 + 63x^2}{9x}$$

3)

$$3x(5x^2 - x + 4)$$

3)

$$\frac{15x - 12}{3}$$

4)

$$(4x-1)(x^2-7x+1)$$

4)

$$\frac{12c^5d^4 + 18c^4d^3}{3c^2d^3}$$

5)

5)