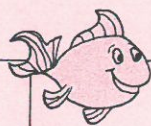


Block 7

gone fishin' With Polynomials!



RED: Classifying



YELLOW: Adding & Subtracting

1) Directions: Label the degree and # of terms for each Polynomial.

1) Directions: Add or subtract the polynomials

2)
4

2)
 $(2n - 8n^3 + 4n^4) + (2n^4 + 8n + n^3)$

3)
 $2h^3 - 5h^2 + h - 1$

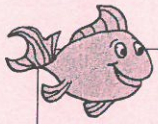
3)
 $(5a - 1 + 7a^3) + (a^4 + 7 - 8a)$

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

4)
 $(8x - 1 + 7x^3) + (-x - x^3 + 3x^3)$

5)

5)



GREEN: Multiplying



BLUE: Dividing

1) Directions:
Find the product.

1) Directions:
Find the quotient.

2)

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

2)

$$\frac{3x^3y^3 + 5x^2y^2 - 2xy}{xy}$$

3)

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

3)

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

4)

$$(w+5)(w^2+4w-8)$$

4)

$$\frac{24x^3 + 15x^2}{3x^2}$$

5)

5)