

Station 1

I can find the degree and classify polynomials (7.1)

*For the following polynomials, put them into standard form, identify the leading coefficient, degree, and classify.

1) $-8t^4$

2) $a + 2a^2 + 3a^3 + 4a^4$

3) $.56b^2 + .6b^3$

4) $2x + x^2$

Station 2

I can add polynomials. (7.1)

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

2) $(t^2 - 9) + (t^3 + 1)$

I can subtract polynomials. (7.1)

1) $(y^3 - 5y + 3) - (y^2 - 10)$

2) $(a - 8) - (4a - 7)$

Station 3

I can multiply binomials using any method.

(7.2)

1) $(x + 4)(x + 3)$

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

3) $(x + 5)^2$

4) $(x + 4)(x - 4)$

Station 4

I can multiply binomials using FOIL method only. (7.2/7.3)

1) $(3x + 4)(2x - 1)$

2) $(a + 1)(a + 9)$

3) $(c + 3)^2$

4) $(x + 3)(x - 3)$

Station 5

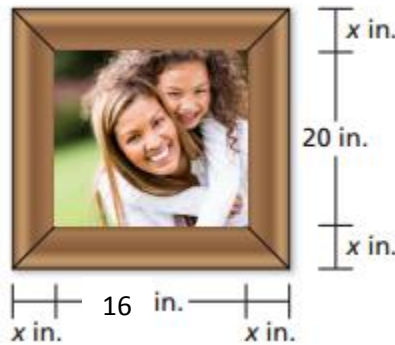
I can multiply a binomial and a trinomial. (7.2)

1) $(3x + 4)(2x^2 + x + 6)$

2) $(4x^2 + 5)(3x^2 + 4x + 1)$

Station 6

I can solve real-life problems. (7.1-7.3)



- Write a polynomial that represents the combined area of the photo and the frame.
- Find the combined area of the photo and the frame when the width of the frame is 4 inches.