



POLYNOMIAL

Operations & Classification

SCAVENGER HUNT



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Operations & Classification

Scavenger Hunt!

Objective: Students will practice adding, subtracting, multiplying, dividing, and classifying polynomials with this Scavenger Hunt activity. Division is by a monomial only. If using my [Algebra 1 Curriculum](#), this activity works great as a review in Unit 7 right before Quiz 7-1.

Activity Directions:

- 1) Print the 10 stations and scatter around the room (and in the hallway, if possible, the students love to leave the room!). I put two stations per sheet to save paper, so you will need to cut them in half.
- 2) Distribute the recording worksheet to each student, then place students in groups (I typically do pairs for this activity) and assign a starting problem. Students simplify the expression on the card, then classify their simplified expression. The classification will lead them to the next problem. They will continue until they have looped through all 10 stations. **Be sure students record the letter at each station to make it easier for you to check!**

Student recording worksheet, 10 stations, and answer key included!

PREVIOUS ANSWER:
Cubic
Polynomial

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A Simplify, then classify:
 $(7 - 8x + 8x^3) + (5x^3 - 6 + 8x)$

PREVIOUS ANSWER:
Cubic
Binomial

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F Simplify, then classify:
 $36x^5 - 8x^4 + 20x^3 - 4x$

PREVIOUS ANSWER:
Linear
Monomial

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D Give the area of the shaded as a simplified expression, then classify:

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POLYNOMIALS Scavenger Hunt		Name: _____
		Date: _____
		Per: _____
Directions: Use your answers to determine which problem to go to next. Be sure to write down the letter of the problem at each station in the circle. You should end at the problem you started with.		
Letter	Simplified Expression	Classify
<input type="radio"/>		
<input type="radio"/>		
<input type="radio"/>		
<input type="radio"/>		
<input type="radio"/>		
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