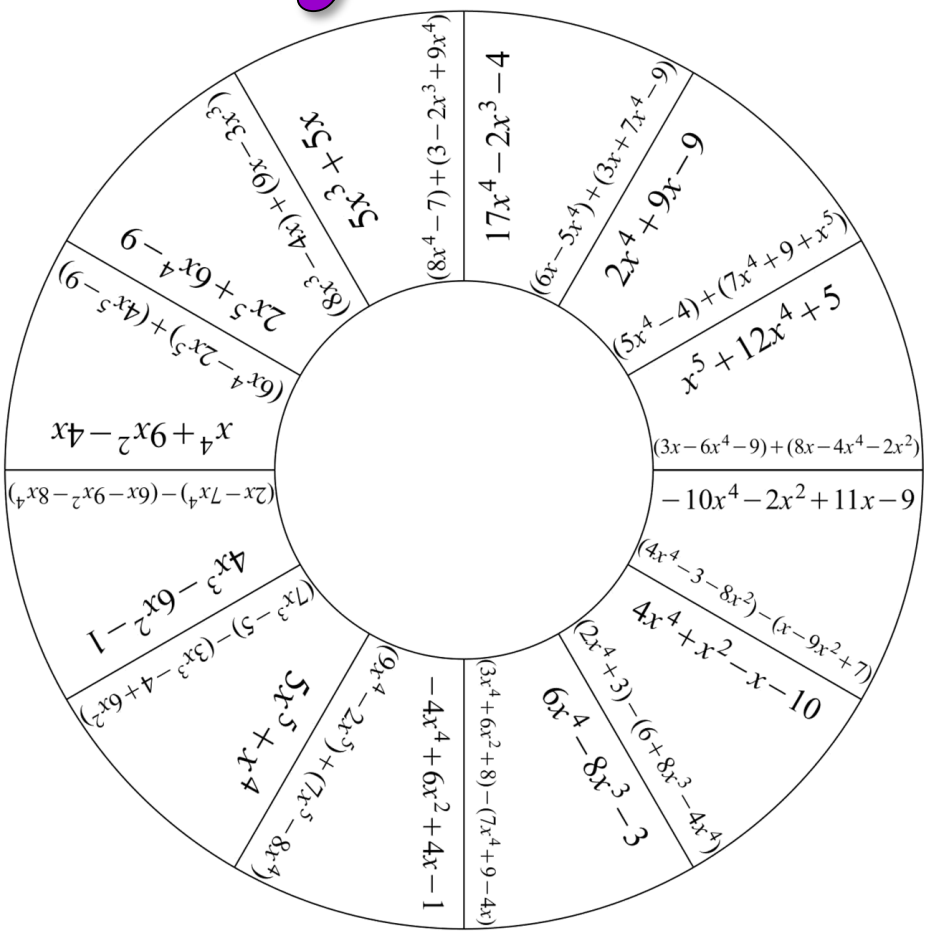
Adding/Subtracting Polynomials



Tarsia Puzzle

Directions

1. Have students cut out puzzle pieces (if the puzzles aren't already cut). Students should have a total of 12 pieces.
2. Tell students to pick any polynomials expression and simplify it. Then, they will find their answer on another puzzle piece and match the edges together.
3. Students will continue this process until they have matched all the expressions to their simplified forms and the puzzle is complete!

Suggestions:

- Allow students to work in groups to challenge each other's thinking.
- Laminate puzzle pieces and keep in baggies for repeated use. Keep the baggies, along with a laminated copy of the directions, in a folder for a fun folder game for early finishers or enrichment.
- Have students color their final product and glue on a larger sheet of paper (such as ledger size). Hang the completed and decorated puzzles up as classroom décor!

F

$17x^4 - 2x^3 - 4$

$(6x - 5x^4) + (3x + 7x^4 - 9)$

C

$x^5 + 12x^4 + 5$

$(3x - 6x^4 - 9) + (8x - 4x^4 - 2x^2)$

J

$2x^4 + 9x - 9$

$(5x^4 - 4) + (7x^4 + 9 + x^5)$

H

$5x^3 + 5x$

$(8x^4 - 7) + (3 - 2x^3 + 9x^4)$

A

$(8x^3 - 4x) + (9x - 3x^3)$

$2x^5 + 6x^4 - 9$

D

$5x^5 + x^4$

$(7x^3 - 5) - (3x^3 - 4 + 6x^2)$

G

$x^4 + 9x^2 - 4x$

$(6x^4 - 2x^5) + (4x^5 - 9)$

I

$4x^3 - 6x^2 - 1$

$(2x - 7x^4) - (6x - 9x^2 - 8x^4)$

B

$4x^4 + x^2 - x - 10$

$(2x^4+3)-(6+8x^3-4x^4)$

E

$(9x^4-2x^5)+(7x^5-8x^4)$

$-4x^4+6x^2+4x-1$

K

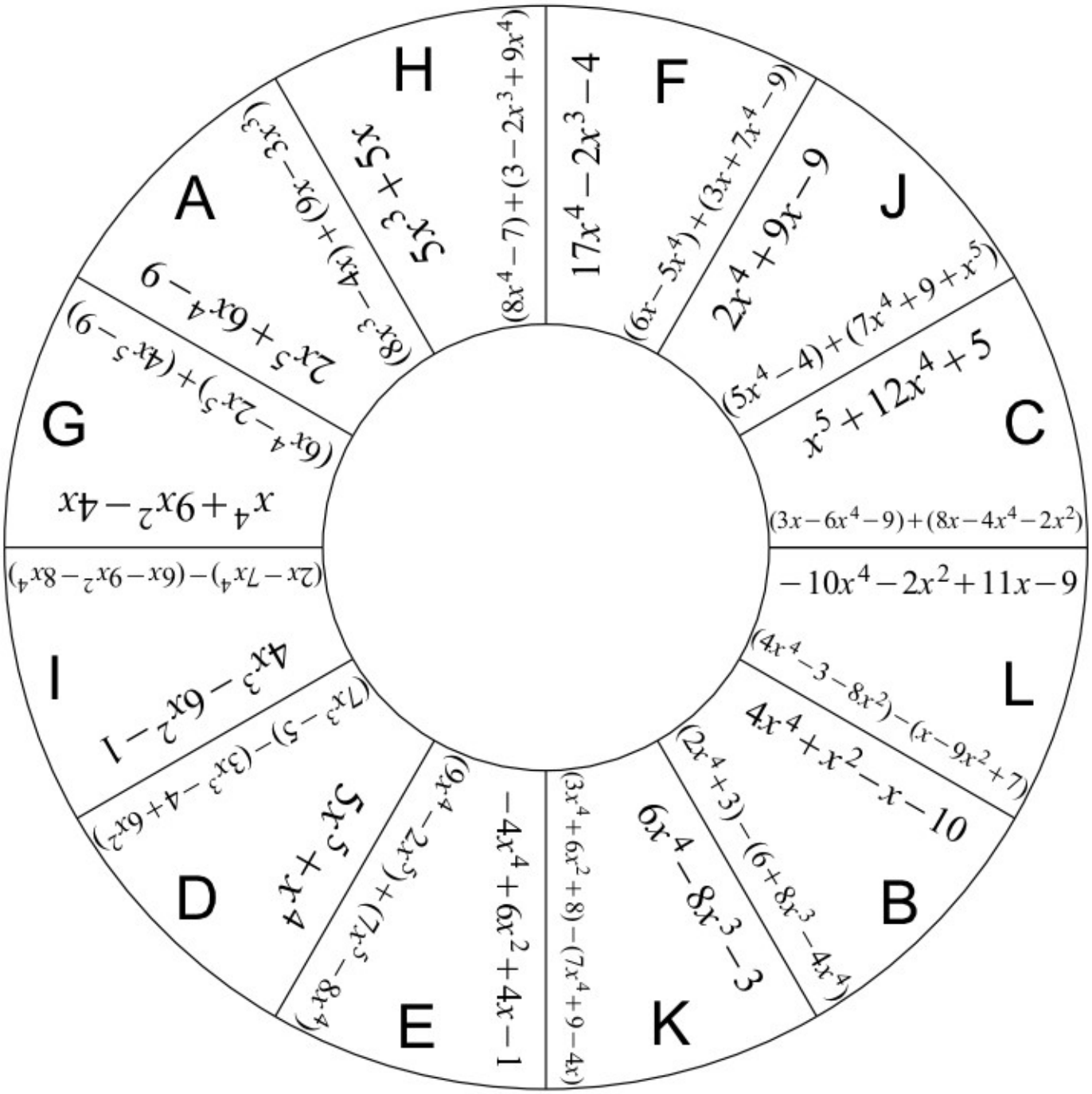
$6x^4-8x^3-3$

$(3x^4+6x^2+8)-(7x^4+9-4x)$

L

$-10x^4-2x^2+11x-9$

$(4x^4-3-8x^2)-(x-9x^2+7)$


A
$(9x^3-4x)+(9x-3x^3)$
H
$5x^3+5x$
$(8x^4-7)+(3-2x^3+9x^4)$
F
$17x^4-2x^3-4$
$(6x-5x^4)+(3x+7x^4-9)$
J
$2x^4+9x-9$
$(5x^4-4)+(7x^4+9+x^5)$
C
x^5+12x^4+5
$(3x-6x^4-9)+(8x-4x^4-2x^2)$
$-10x^4-2x^2+11x-9$
L
$(4x^4-3-8x^2)-(x-9x^2+7)$
$4x^4+x^2-x-10$
B
$(2x^4+3)-(6+8x^3-4x^4)$
$6x^4-8x^3-3$
K
$(3x^4+6x^2+8)-(7x^4+9-4x)$
$-4x^4+6x^2+4x-1$
E
$(9x^4-2x^5)+(7x^5-8x^4)$
$5x^5+x^4$
D
$(7x^3-5)-(3x^3-4+6x^2)$
$4x^3-6x^2-1$
I
$(2x-7x^4)-(6x-9x^2-8x^4)$
x^4+9x^2-4x
G
$(6x^4-2x^5)+(4x^5-9)$
$2x^5+6x^4-9$
$(8x^3-4x)+(9x-3x^3)$

Thank you for your purchase!

Please feel free to contact me with questions or issues concerning your product at charlotte.james615@gmail.com. I strive to make sure your product meets high standards and welcome constructive feedback as I continue to increase my product offerings.

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