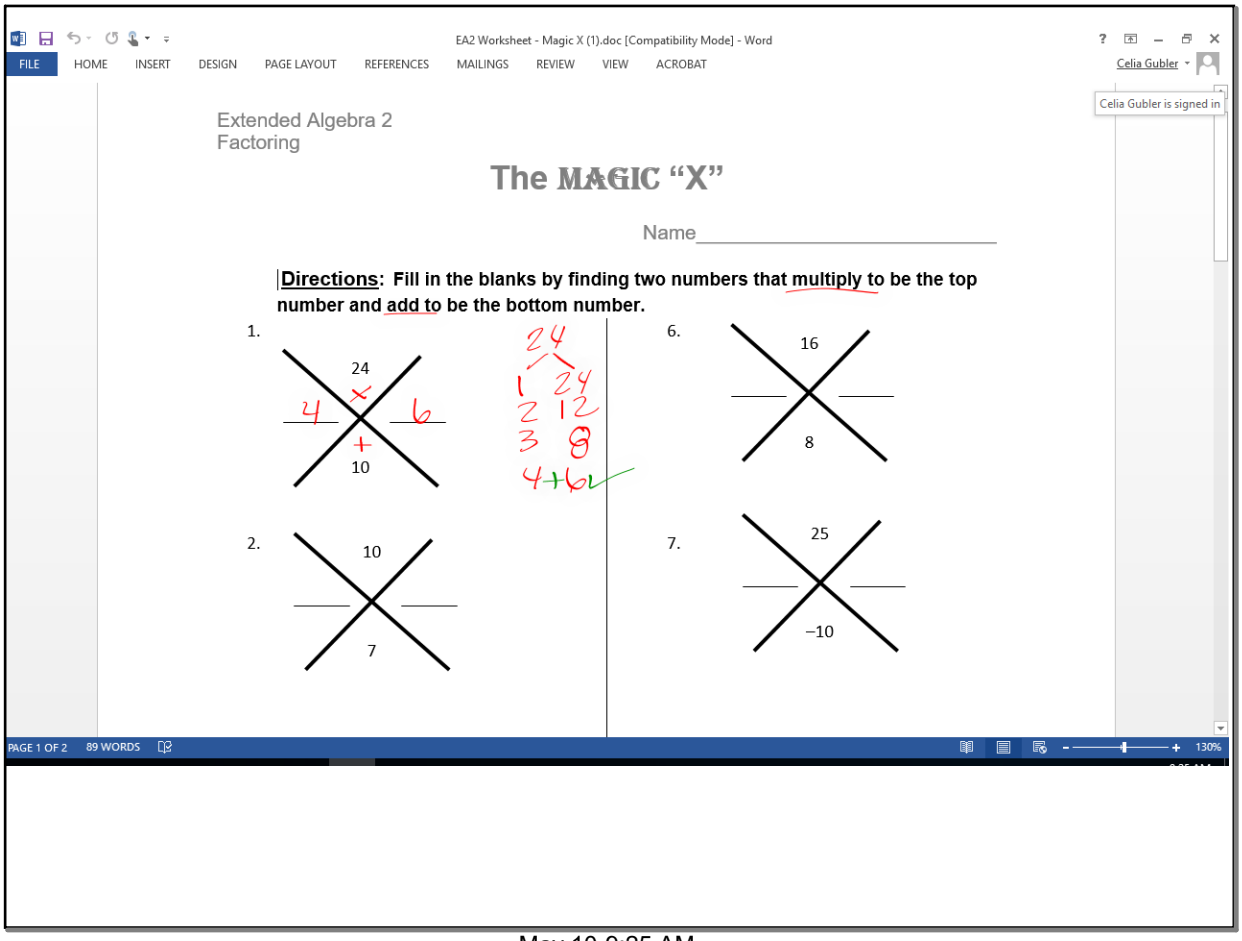
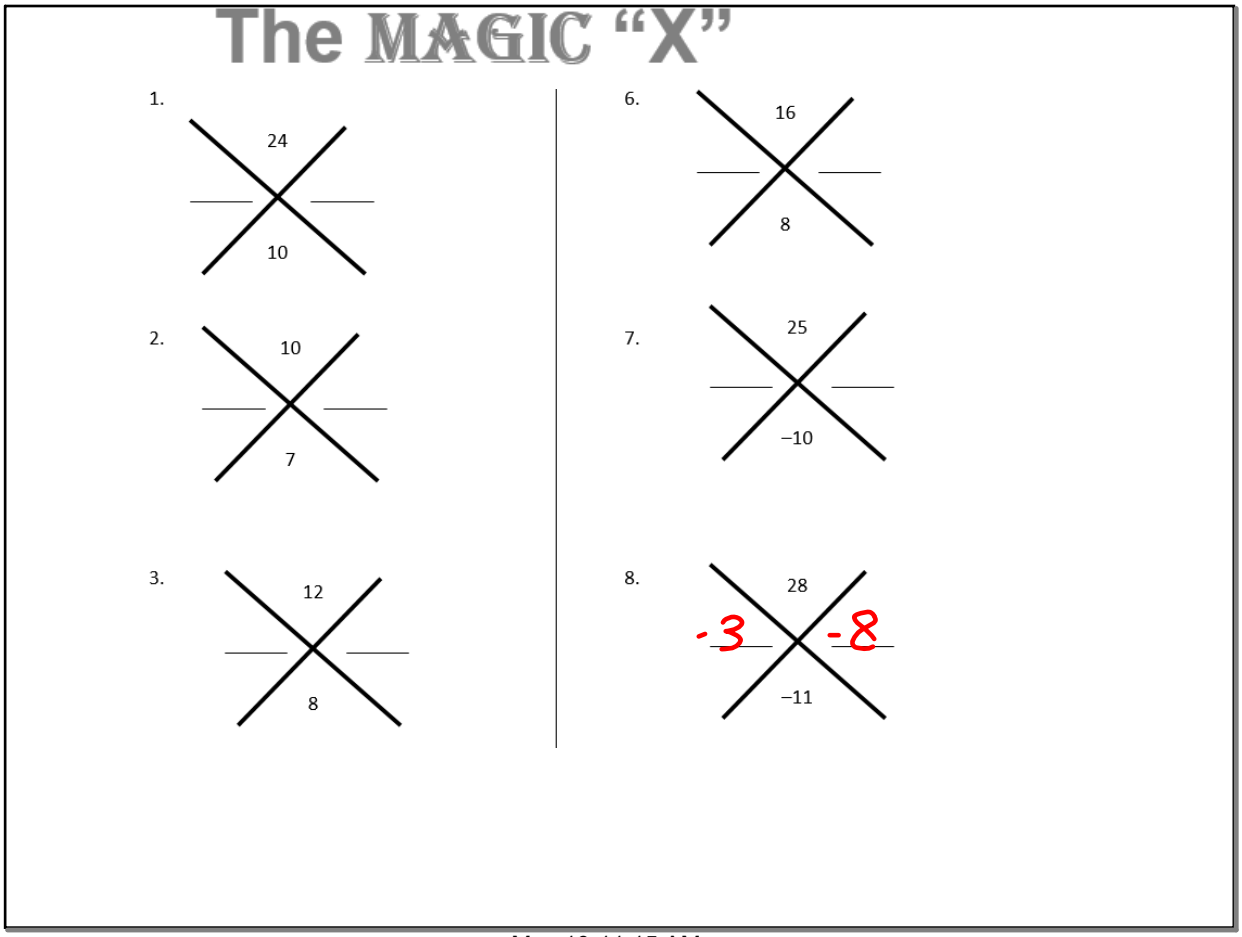
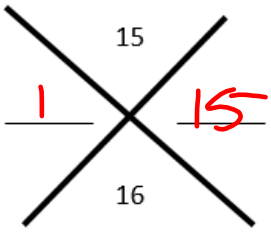
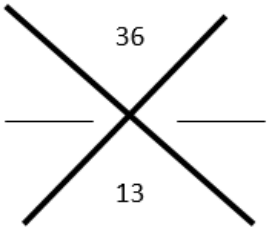


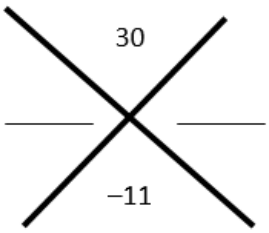
May 10-9:25 AM

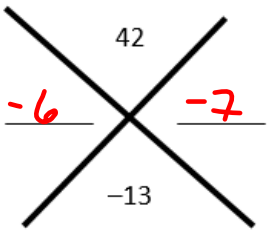


May 10-11:15 AM

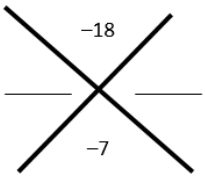
4. 

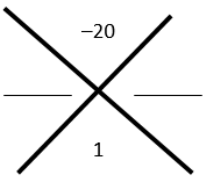
5. 

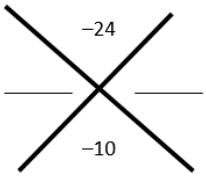
9. 

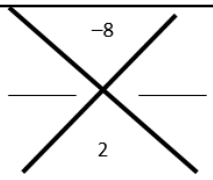
10. 

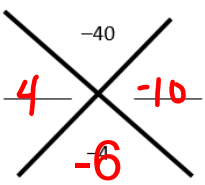
May 10-11:15 AM

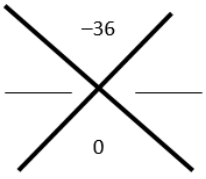
11. 

12. 

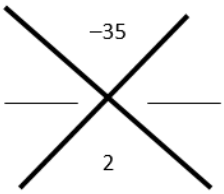
13. 

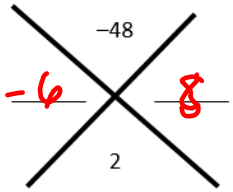
17. 

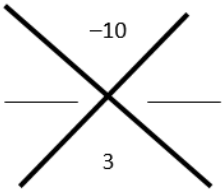
18. 

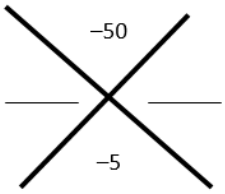
19. 

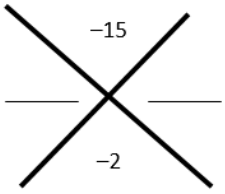
May 10-11:15 AM

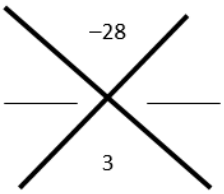
14. 

15. 

16. 

20. 

21. 

22. 

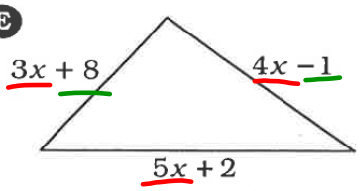
May 10-11:16 AM

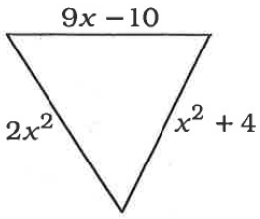
Mystery Message

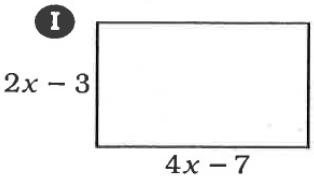
NO WORK=NO CREDIT

Do each exercise and find your answer at the bottom of the page. Write the letter of the exercise in the box above the answer. (Assume that figures that appear to be rectangular are rectangles.)

Part 1. Find the perimeter.

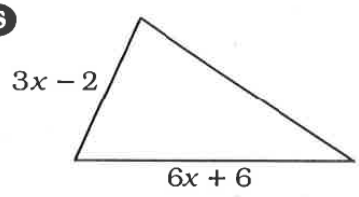
E 

O 

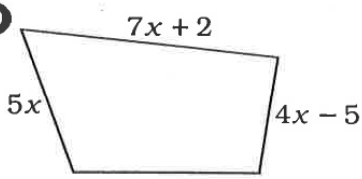
I 

12x + 9

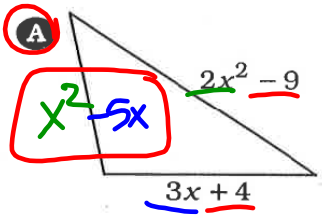
Part 2. Find the missing side length. The perimeter, *P*, is given.

S 

$P = 13x + 11$

D 

$P = 21x + 2$

A 

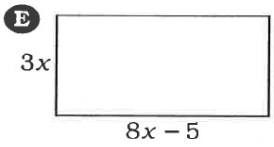
$P = 3x^2 - 2x - 5$

May 10-11:16 AM

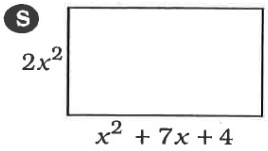
NO WORK=NO CREDIT

Part 3. Find the area.

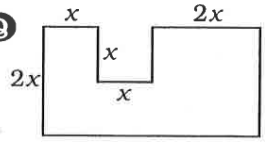
E



S



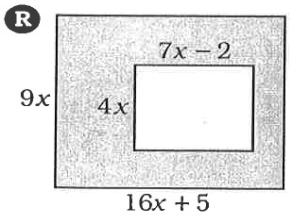
G



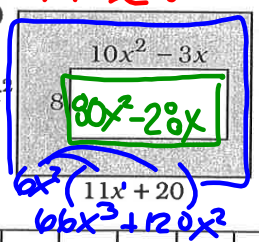
Part 4. Find the area of the shaded region.

A = l · w

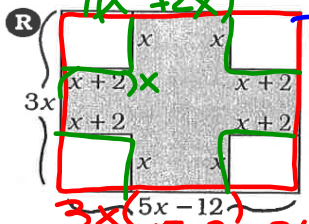
R



W



R



4(x² + 2x) = 4x² + 8x

15x² − 36x − (4x² + 8x) = 11x² − 44x

R

7x²	4x + 7	9x² − 40x	x² − 5x	116x² + 53x	12x + 9	2x⁴ + 9x³ + 12x²	66x³ + 40x² + 24x	24x² − 15x	12x − 20	11x² − 44x	5x + 5	64x³ + 36x² + 30x	3x² + 9x − 6	2x⁴ + 14x³ + 8x²	??

May 10-11:17 AM

[redacted] Challenge Name _____

Per

Solve each equation.

1) $8(7 - 7b) - 1 = 6(1 - 11b) + 3b$

$56 - 56b - 1 = 6 - 66b + 3b$

$+63b \quad +63b \quad -63b$

$55 + 7b = 6$

$-55 \quad -55$

$7b = -49$

$\frac{7b}{7} = \frac{-49}{7}$

$b = -7$

2) $2(7 - 12x) + 6 = -3 - 5(1 + 2x)$

3) $-12(x + 8) = -3(6 + 5x) - 6$

4) $-3(1 - 4n) + 2 = -(-8n + 7) + 5n$

May 10-11:18 AM