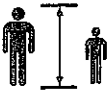
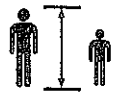


Name: _____ Date: _____ Hour: _____

Name: _____ Name: _____



Lesson 1.8 – Simplifying Expressions (Puzzle)



Follow the directions below and use the rubric to ensure that you receive full credit.

- 1.) Work in groups of two or three.
- 2.) Simplify each algebraic expression on the worksheet.
- 3.) Cut out all of the squares for the puzzle.
- 4.) Match up all of the equivalent expressions to complete the puzzle.
- 5.) Glue to construction paper. Puzzle must be neat.

Follow the rubric to ensure full credit.

- a.) Each problem is simplified correctly. _____ (4 points)
- b.) The puzzle is put together correctly. _____ (4 points)
- c.) The puzzle is neat. _____ (2 points)
- _____ (10 points)

Simplify each expression. Then use your solution to assemble the pieces into a square.

1.) $x + 7 - 2(x + 5)$

2.) $3(x - 2)$

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

4.) $4 - x - 2x$

5.) $5x - 2 - (8x - 1)$

6.) $-(x + 1)$

7.) $16 - 3(x + 5)$

8.) $-2(3 - x)$

9.) $2x + 1 + x - 6$

10.) $-(3 + 2x)$

11.) $7 - (5 - x)$

12.) $2(x + 3)$

13.) $\frac{1}{2}(2x + 2)$

14.) $1 - (2 - x)$

15.) $4x - 5 - (3x - 8)$

16.) $x + 1 - (2x + 3)$

17.) $2x + 4 - (4x + 1)$

18.) $-\frac{1}{2}(6 + 8x)$

19.) $10 + x - 13$

20.) $2x + 1 + x + 3$

21.) $3(x + 4) - 13$

22.) $x - 10 + 4 - 3x$

23.) $-3(x - 2)$

24.) $-3(x + 2)$