

SIMPLIFYING EXPRESSIONS

1. Rebecca was asked to create five pairs of like terms. Determine if she completed the task correctly and correct any errors.

$2.5w$ and $-8w$

$\frac{1}{2}x$ and $\frac{1}{2}$

38 and -15

$-7c^2$ and c^2

$5a$ and $5b$

In questions 2-10, simplify the expressions by combining like terms.

2.
 $4r + 9r - 11r + 7r$

3.
 $-r + 6 + 8r - 14$

4.
 $-26r + 7r - 15p - 7p$

5.
 $8r + 12p - 7 - 3p$

6.
 $10r - 5r + 3r - 8r$

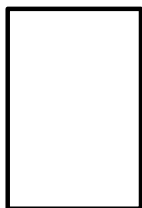
7.
 $-4p - 2r - 15p$

8.
 $\frac{3}{4}r + 2r + \frac{1}{2}r$

9.
 $1.5r - 3r + 8r + 2.5r$

10.
 $\frac{2}{3}p + \frac{4}{3}p - \frac{1}{3}p$

11. Simplify an expression for the perimeter of the rectangle.



$3w$

$5w - 2$

Perimeter: _____