

Name: _____

Date: _____

Practice Questions Test 1

1) Simplify: $4b - 3b + 2b + 6b - 5b$

2) In the expression $15c^3$

a. 15 is the _____

b. c is the _____

c. 3 is the _____

3) What would the expression be when the brackets are removed from

$$-(6y - 5) - (10y + 15)$$

4) True or false?

a. $2c + 3d = 6cd$

b. There are four terms in the expression $5b + 33c + 43d - 5$

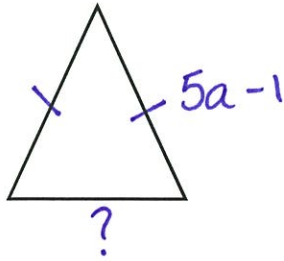
5) Simplify $(25b + 10) - (5b - 5)$

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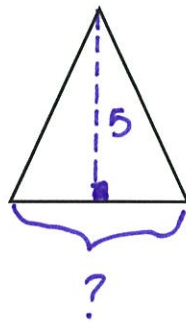
Date: _____

6) Simplify to find the missing side:

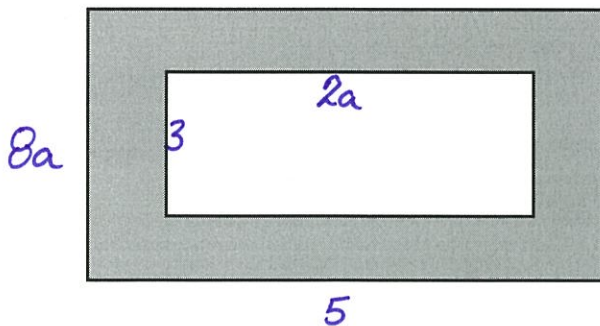
a. What is the side given that the perimeter = $20a + 6$



b. What is the side given that the area = $20y + 30$



7) Find the shaded area



8) Erica makes $\$(10a + 15)$ per hour babysitting. How much would she make if she worked 2 hours? Simplify your answer.