1. Which expression is equivalent to 2(5+x) + 3(4x+2y)
2. 7 + 8x+ 2y
3. 10 + 14x + 6y
4. 10 + 5x + 2y
5. 10 + 9x + 6y
6. What is the perimeter of an equilateral triangle if each side is 4n + 5?
7. Simplify :

½(8a + 28) + 2a + 5

1. A rectangle is 7 inches long and (3 + a) inches wide. Which expression represents the area of the rectangle?

(HINT: Draw and label a rectangle)

1. 21a + 7
2. 3 + 7a
3. 21 + 7a
4. 7 + 3a
5. Which property does this represent? (3y + 2y) + 5y = 3y + (2y+ 5y)
6. What property was used to simplify this expression?

5(6a +5) = 30a + 25

1. Which expression represents the perimeter of this rectangle?

4K + 5

2

1. 8K + 5
2. 12K + 14
3. 8K + 10
4. 8K + 14
5. Which expression has 5 and (3n+4) as factors?
6. 5 + 3n + 4
7. 15n + 4
8. 35 n
9. 15n + 20
10. Science Fair Ribbons take 3/8 of a yard of blue material. How many ribbons can be made with 2 ¾ yards of material?

10.What is the GCF of 9n + 12?

A. 3n C. 3n

B. 3 D. 9n