**PART A:**

Jeremy and LeAndrea are 7th grade students in Mr. Smith’s classroom and need your help.

Jeremy says that 5a + 10b – 8a + 2 is equivalent to 17a – 10b.

LeAndrea says that 5a + 10b – 8a + 2 is equivalent to -3a + 10b + 2.

Who do you agree with? Explain by showing work.

**PART B:**

According to the student you agreed with show work by verifying the equivalence of the expressions.

**PART C:**

Use any order, any grouping to write equivalent expression by combing like terms.

a. 12(3a)

b. (9r)(-2)

c. 6n(5) + 4(3d)

d. 10(7s) – (6e)7

**PART D:**

James got the expression 12x + 7 and then wrote his answer as 7 + 12x. Is his answer an equivalent expression? How do you know?