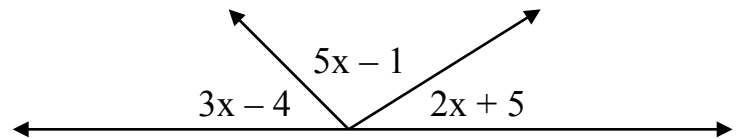
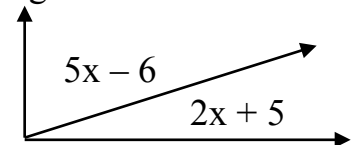


Algebra I Homework #6

- 1) Solve: $98x + 37 = -47$
- 2) Write the whole numbers less than seven.
- 3) Simplify: $-3|-2| - |-4 - 1| - |-5 + 1|$
- 4) Simplify: $\frac{3}{5}x - 14 = 8$
- 5) Convert $4\frac{1}{8}\%$ into a fraction.
- 6) Find the size of all three angles in the following drawing:



- 7) Find three consecutive odd integers such that five less than triple the middle integer is eight more than the sum of the first and the third.
- 8) If seven less than the quotient of a number and three is nine more than triple the number, find the number.
- 9) Find the size of both angles in the following drawing:

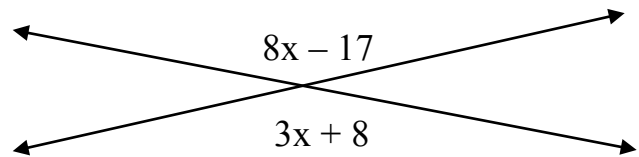


- 10) The sum of two numbers is thirty-five. If four more than twice the larger number is ten less than five times the smaller number, find the two numbers.
- 11) Find three consecutive even integers such that three more than twice the sum of the first and third is one less than five times the middle.
- 12) If eleven more than the product of a number and three is five less than the quotient of the number and nine, find the number.

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13) Find the size of both angles in the following drawing:



14) The difference of two numbers is nine. If five more than double the larger number is forty five less than the product of the smaller and four, find the two numbers.

15) If nine less than the difference between twice a number and five is eight more than three less than the product of the number and seven, find the number.

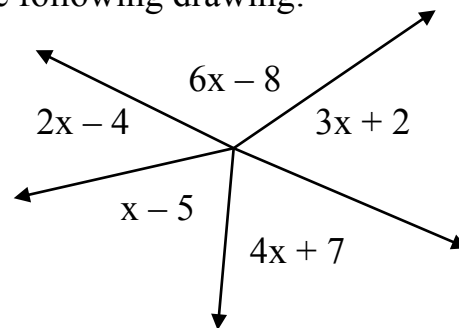
16) The sum of two numbers is eighteen. If twelve less than twice the larger number is four more than triple the smaller, find the two numbers.

17) If eight less than twice the sum of three consecutive odd integers is one hundred thirty, find the three integers.

18) If three more than the quotient of twice a number and five is six less than triple the number, find the number.

19) The difference of two numbers is twelve. If twenty nine more than the sum of the two numbers is eleven less than four times the smaller, find the two numbers.

20) Find the size of all five angles in the following drawing:



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