

Name _____

Date _____

Two Linear Equations in Two Variables - Matching Worksheet

Write the letter of the answer that matches the problem.

1. Line A and B have the following points:

Line A: (4,7) and (-5,3)

Line B: (6,3) and (-4,-4)

a. 33° and 57°

Find the point where the two lines intersect.

2. Line A and B have the following points:

Line A: (1,4) and (-2,3)

Line B: (3,4) and (-6,-6)

b. A=25.13,
b= 16.39

Find the point where the two lines intersect.

3. My uncle has a factory. There are many different types of workers in the factory. One of the groups has 60 laborers. They earn \$80 per day. The executives earn \$125 a day. The boss writes a daily paycheck for the executives and laborers. The total is for \$6,550. How many executives worked that day?

c. A=3.8,b=4.95

4. Pam adds two numbers and finds their sum to be 90. The larger number is 14 more than 3 times the smaller number. Find those numbers.

d. 19 and 71

5. Robin draws a triangle which has two complementary angles. He finds that one angle is 81° less than twice the other angle. Identify the two angles.

e. 14

