

Name _____

Date _____

Two Linear Equations in Two Variables - Independent Practice Worksheet

1. Line A and B have the following points:

Line A: (2,4) and (-3,5)

Line B: (9,11) and (-5,-11)

Find the point where the two lines intersect.

2. Line A and B have the following points:

Line A: (8,4) and (-4,7)

Line B: (8,4) and (-3,-9)

Find the point where the two lines intersect.

3. Line A and B have the following points:

Line A: (11,4) and (-10,3)

Line B: (7,3) and (-2,-4)

Find the point where the two lines intersect.

4. Line A and B have the following points:

Line A: (12,2) and (-4,12)

Line B: (3,2) and (-1,-7)

Find the point where the two lines intersect.

5. Line A and B has the following points:

Line A: (5,6) and (-3,2)

Line B: (2,5) and (-5,-5)

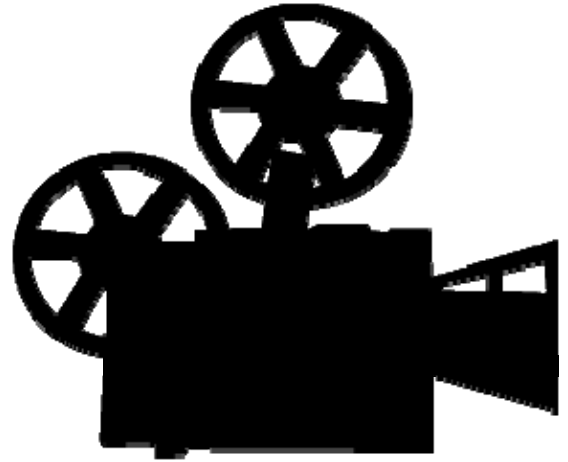
Find the point where the two lines intersect.



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6. Yesterday, Kate and her cousin Robert went out for a movie. There they spent \$50 in total. Robert spent \$10 more than Kate. How much did Kate spend?



7. My younger brother has some toys. If he gets 16 more toys, he will have 36 toys. How many toys does he have?

8. On our math test, I made two complementary angles; one of the angles is 26° more than the other. Identify the angles.

9. The cost of a notebook is twice the cost of a pen. Write a linear equation in two variables to represent this statement.

10. Last Sunday, we noticed that at our dance show 1,000 tickets were sold. For an adult, the cost of a ticket was \$2 and for a child it was \$1. When all was said and done, we had a total amount of \$1,850. Write the number of adult tickets and children's tickets that were sold on Sunday.

