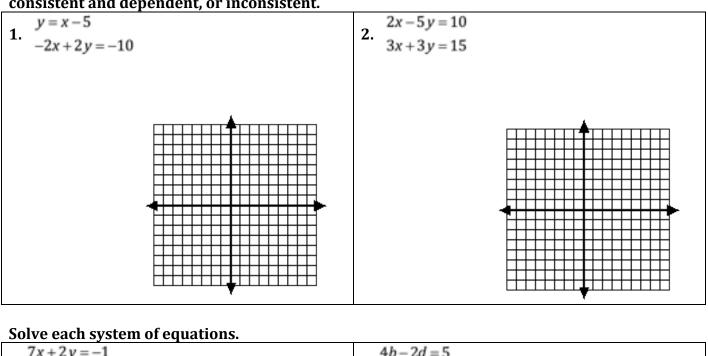
Graph each system of equations and describe the solution as consistent and independent, consistent and dependent, or inconsistent.



3. $7x + 2y = -1$ 4x - 3y = -13	4. $4b - 2d = 5$
4x - 3y = -13	-2b + d = 1
5. $\frac{6w - 8v = 16}{2w}$	3x + 8y = -6
5.	6. $3x + 8y = -6$ x - y = 9
3w - 4v = 8	x-y=9

7. Samantha wants to buy pets for each of her five grandchildren. If she buys 3 poodles and 2 Siamese cats, she will spend \$1200. If she buys 2 poodles and 3 Siamese cats, she will spend \$1050. Find the cost of a poodle and the cost of a Siamese cat.

8. A hotel has 260 rooms, some singles and some doubles. The singles cost \$35 and the doubles cost \$60. Because of a math teachers' convention, all of the hotel rooms are occupied. The sales for this night are \$14,000. How many of each type of room does the hotel have?

9. A collection of 31 nickels and dimes has a value of \$2.65. How many nickels and how many dimes are there?

10. A total of \$25,000 is invested in two funds paying 5% and 6% annual interest. The combined annual interest is \$1400. How much of the \$25,000 is invested in each type of fund?

11. Eric's farm picked a total of 390 pumpkins. Eric separated the pumpkins into two groups, small and large. He sold the small pumpkins for \$3 and the large ones for \$7. He sold all of the pumpkins for a total sales of \$1970. How many small and large pumpkins did Eric originally pick?