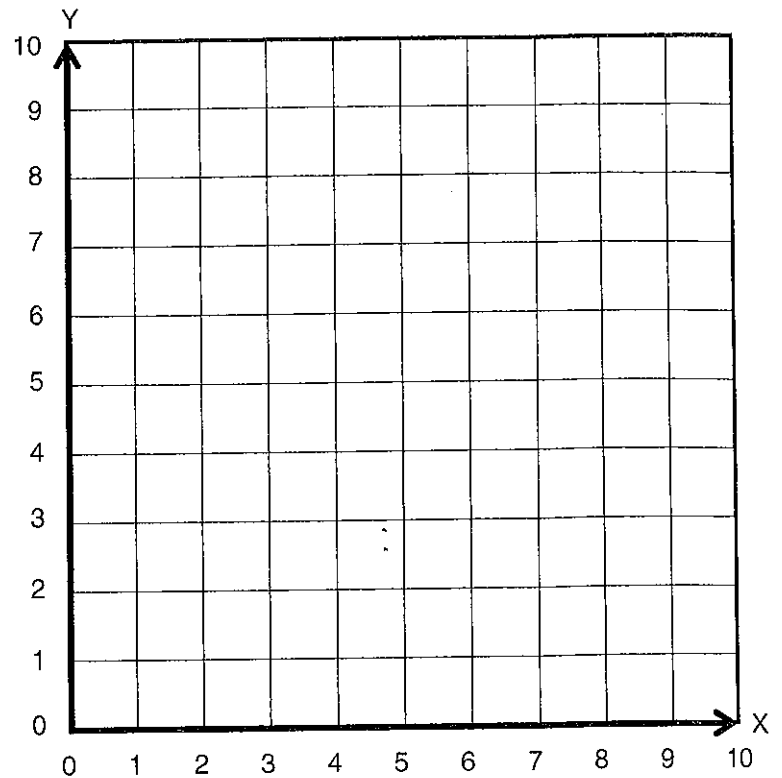


ALGEBRA ANTICS #10

Solve all the equations for the given variables. Put each answer in the blank in the ordered pair. Take the ordered pair for problem #1 and plot the point on the graph. The first number of the pair tells how far to move horizontally on the x-axis; the second number tells how far to move vertically on the y-axis. Next, plot the point for #2. Draw a line to connect the two points. Continue plotting each new point and connecting it to the preceding point until you reach the end.



1. $x + 7 = 11$

(__ , 8)

8. $9 = 8 + y$

(5 , __)

15. $10 = c + 3$

(5 , __)

2. $a - 3 = 5$

(__ , 8)

9. $x + 5 = 12$

(__ , 3)

16. $k + 6 = 9$

(__ , 7)

3. $6 = m - 2$

(__ , 2)

10. $t - 3 = 4$

(7 , __)

17. $15 = 12 + y$

(3 , __)

4. $4 + y = 6$

(2 , __)

11. $16 = 9 + z$

(5 , __)

18. $r - 2 = 5$

(__ , 3)

5. $9 = c + 7$

(__ , 8)

12. $n + 8 = 11$

(__ , 5)

19. $2 = x - 7$

(__ , 5)

6. $y + 5 = 13$

(4 , __)

13. $1 = d - 4$

(__ , 3)

20. $6 + f = 11$

(__ , 9)

7. $h - 3 = 2$

(1 , __)

14. $9 + y = 14$

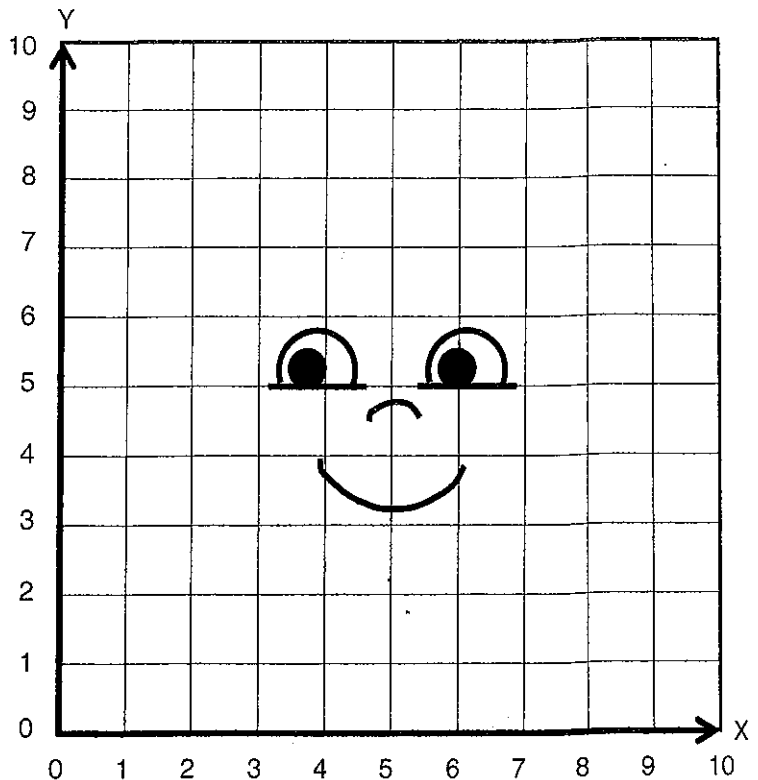
(7 , __)

21. $y - 5 = 3$

(4 , __)

ALGEBRA ANTICS #13

Solve all the equations for the given variables. Put each answer in the blank in the ordered pair. Take the ordered pair for problem #1 and plot the point on the graph. The first number of the pair tells how far to move horizontally on the x-axis; the second number tells how far to move vertically on the y-axis. Next, plot the point for #2. Draw a line to connect the two points. Continue plotting each new point and connecting it to the preceding point until you reach the end.



- | | | | | | |
|-------------------|----------|---------------------|----------|--------------------|----------|
| 1. $4y = 28$ | (2, ___) | 8. $7h = 51 - 9$ | (___, 2) | 15. $15 = 4f + f$ | (___, 8) |
| 2. $72 = 9x$ | (___, 7) | 9. $3v + 6v = 36$ | (___, 2) | 16. $6t = 3(18)$ | (4, ___) |
| 3. $4k + 2k = 30$ | (8, ___) | 10. $6(4) = 8y$ | (3, ___) | 17. $5x = 32 - 7$ | (___, 8) |
| 4. $8w = 29 + 3$ | (8, ___) | 11. $14 = 11a - 4a$ | (3, ___) | 18. $2(9) = 3e$ | (___, 9) |
| 5. $9m = 81$ | (___, 3) | 12. $13x = 6 + 7$ | (___, 3) | 19. $3y + 5y = 64$ | (7, ___) |
| 6. $6c = 3(4)$ | (7, ___) | 13. $4u = 8(2)$ | (2, ___) | 20. $6p = 4(12)$ | (___, 9) |
| 7. $35 = 5n$ | (___, 3) | 14. $9r - 2r = 63$ | (2, ___) | 21. $8w = 63 - 7$ | (8, ___) |