

4-4

Skills Practice

Equations as Relations

"Solve each equation" means, get "y by itself" if it is not already by itself, then use a "T-Table" to find the y values (the range) that go with each of the x values given in the problem (the domain).

Then graph each relation. Do NOT connect the points with a line but each of these graphs should, if done correctly, form an "imaginary" line.

Solve each equation if the domain is $\{-2, -1, 0, 2, 5\}$.

5. $y = x + 4$

6. $y = 3x - 2$

7. $y = 2x + 1$

8. $x = y + 2$

9. $x = 3 - y$

10. $2x + y = 4$

11. $2x - y = 7$

12. $4x + 2y = 6$

All work on looseleaf. Yes, I know problems 1 to 4 are missing. -- Mr. C.

Make neat graphs, put each graph near its "T-Table".

Never run with scissors.