

**CHAPTER
2****Chapter Review Games and Activities***For use after Solving Linear Equations***Riddle**

Solve the equation. Then find the solution in the boxes at the bottom of the page. Cross out the box containing each correct solution. Unscramble the remaining letters on the lines below the boxes to find the answer to the following riddle.

What did the computer do at lunchtime?

1. $5x = -25$
2. $x + 9.6 = 7.8$
3. $3x - 8 = 16$
4. $\frac{x}{4} + 2 = -3$
5. $x - 2(x + 4) = 10$
6. $\frac{2}{3}(4x - 1) = -22$
7. $2(5x + 8) = -(x + 17)$
8. $29 - 15x = -46$
9. $\frac{x}{15} = \frac{2}{5}$
10. $\frac{x + 9}{18} = \frac{12}{72}$
11. $\frac{x + 8}{3} = \frac{2x + 4}{5}$
12. $\frac{24}{25} = \frac{36}{x}$
13. $6(x - 3) = 4x$
14. $2.3x + 4.5 = 0.3 - 0.5x$
15. $4.7x - 2.5 + 2.7x = 12.8 - 1.6x$
16. $\frac{3}{4}x + \frac{1}{8}(x - 5) = \frac{1}{4}$
17. $\frac{x - 1}{14} = \frac{3}{7}$
18. $-10 = \frac{x}{8} - 15$
19. $4(2x + 3) = 6(2 - x)$
20. $0.25x = 4.9$
21. $3x + 8(x - 1.9) = 7.9$
22. $\frac{-4}{x + 3} = \frac{12}{x - 5}$

$x = 4$ Y	$x = -20$ X	$x = 7.1$ B	$x = 5$ V	$x = 8$ P	$x = -9$ A
$x = 1.7$ C	$x = 2.8$ E	$x = 37.5$ F	$x = 40$ L	$x = 7$ K	$x = 9$ S
$x = 1$ J	$x = 2.1$ O	$x = -5$ M	$x = 35$ H	$x = -8$ W	$x = 19.6$ R
$x = 3$ T	$x = -3$ I	$x = 1.5$ D	$x = -1.8$ O	$x = -1$ P	$x = -1.5$ U
$x = -18$ R	$x = 0$ N	$x = 6$ G	$x = 28$ Z	$x = 18$ A	$x = -6$ Q

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