

1-3, List (3) words or phrases that correspond to the math sign:

1. **+** **-** **x** **÷** **=**
- 2.
- 3.

#4-9, Matching the written phrase to its math equivalent. Write the letter beside each numbered problem.

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|---|------------------------|
| 4. Three increased by 12 times a number | |
| 5. Eleven times a number plus $\frac{1}{3}$ | a. $11 + \frac{1}{3}s$ |
| 6. Eleven more than $\frac{1}{3}$ of a number | b. $3x - 12$ |
| 7. The difference between three times a number and 12 | c. $3(x - 12)$ |
| 8. Twelve decreased by three times a number | d. $12 - 3x$ |
| 9. Three times the difference of a number and twelve | e. $11s + \frac{1}{3}$ |
| | f. $12x + 3$ |

#10-13, Translate the words into math

10. twelve more than a number, p, is seven
11. the product of 58 and a number, x, is one
12. forty decreased by a number, m, is twenty-three
13. three times the *quantity of* two more than x

#14-19, New: Translate each into math and then solve for unknown.

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| 14. The sum of 38 and twice a number is 124.
Find the number. | 15. Five more than three times a number is 197.
Find the number. |
| 16. Four less than half a number is 17.
Find the number. | 17. When one third of a number is decreased by 11 the result is 38. Find the number. |
| 18. Eight less than three times a number is 21.
Find the number. | 19. The sum of seven and this number is 53. Find the number. |