

## Translating Sentences into Multistep Equations

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Translate each sentence into a multistep equation.

1) Multiplying 5 with the difference between 3 times  $a$  and 6 gives 12. \_\_\_\_\_

2)  $y$  diminished by two-fifths of  $y$  is equal to 15. \_\_\_\_\_

3) A large red-bordered box containing a preview for a membership. The text inside is blue and reads: 'Preview', 'Become a member to unlock unrestricted access to both printable and online worksheets.', and 'www.tutoringhour.com'. There is a small yellow padlock icon in the bottom right corner of the box. The background of the box is light blue with various math-related icons like gears, lightbulbs, and geometric shapes.

4) \_\_\_\_\_

5) \_\_\_\_\_

6) \_\_\_\_\_

7) \_\_\_\_\_

8) The ratio of 4 times  $r$  minus 1 to 6 is 3. \_\_\_\_\_

9) The difference between 16 and product of 10 and  $k$  is 7. \_\_\_\_\_

10) Three times the sum of 11 times  $x$  and 5 is same as 32. \_\_\_\_\_