Name: _____ Date: _____

Translating Verbal Equations - Medium

Translate the verbal equation into an algebraic equation and solve.

1. 4 times a number plus 5 equals 17.
2. The quotient of a number and 3, increased by 7, is 10.
3. A number divided by 5 minus 3 equals 7.
4. 10 more than 3 times a number equals 31.
5. 4 times a number plus 4 equals 36.
6. A number divided by 3 minus 6 equals 1.

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Translating Verbal Equations - Medium

Translate the verbal equation into an algebraic equation and solve.

7. The product of 6 and a number, decreased by 6, is 66.

8. The quotient of a number and 4, decreased by 4, is 2.

9. A number divided by 4 minus 3 equals 6.

10. Twice a number plus 4 equals 14.

11. 2 more than a number divided by 4 equals 10.

12. The product of 6 and a number, increased by 5, is 65.

Translating Verbal Equations - Medium - Answer Key

1. 4 times a number plus 5 equals 17.
   3

2. The quotient of a number and 3, increased by 7, is 10.
   9

3. A number divided by 5 minus 3 equals 7.
   50

4. 10 more than 3 times a number equals 31.
   7

5. 4 times a number plus 4 equals 36.
   8

6. A number divided by 3 minus 6 equals 1.
   21

Translating Verbal Equations - Medium - Answer Key

7. The product of 6 and a number, decreased by 6, is 66.
   12

8. The quotient of a number and 4, decreased by 4, is 2.
   24

9. A number divided by 4 minus 3 equals 6.
   36

10. Twice a number plus 4 equals 14.
    5

11. 2 more than a number divided by 4 equals 10.
    32

12. The product of 6 and a number, increased by 5, is 65.
    10