

Math 102

Write an algebraic expression for each of the following:

1. One third of a number and its square
2. Two numbers N and M are consecutive whole numbers
3. The sum of three consecutive even numbers
4. 30% of the amount by which a number exceeds 20
5. A number plus one third of that number plus one fifth of that number equals 46.
6. A rectangle is 3 feet longer than twice its width. Its perimeter is 126 feet.
7. A father is three times as old as his son is now, but in twenty years he will be only twice as old as his son will be at that time.
8. In four years Ann will be three times as old as her brother was five years ago
9. Moe has twice as much money as Larry has and gives Larry some of his money so that they will now have the same amount.
10. Moe can do a job in one third of the time Larry can, and Larry can do this job in three fourths the time Curly can, and working together they get the job done in 12 days.