| Name: | Date: |

Linear Equations Word Problems

1) John takes 4 hrs to wash a car.
Mike takes 8 hrs to wash the same car.
If they work together, how long will
it take them to finish? _____

2) Find three consecutive even integers such
that the sum of twice the first, three times
the second, and the third is 184.

_____

3) Emma bought a sandwich for $5 and
6 bottles of juice. She spent a total of $29.
How much did each bottle of juice cost?

_____

4) A rectangle is 3 m long and 5 m wide.
If its length is increased to 6 m without
changing its perimeter, find the new
width of the rectangle. _____

5) Tom bought one notebook for $2.
How many notebooks can he buy for $18?

_____

6) Find three consecutive odd integers such
that the sum of the first, twice the second,
and three times the third is 206.

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