| 2.5.A Warm-Up | Names | |
|--|------------------|---------------------------------------|
| | Names | |
| Translate to an algebraic expre | ession. | |
| 1) 46 more than t | 4) | The sum of s and d |
| 2) 19 less than d | 5) | A number plus 8 times another number |
| 3) x subtracted from q | 6) | 43% of a number |
| | | |
| Pick a variable, explain wh translate each problem to a | | |
| 7) 93 minus what number | is 48? 9) | One less than twice a number is five. |
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| | | |
| | | |
| 8) Two more than a numb | per is five. 10) | When 16 is multiplied by a number, |

the result is 128. Find the number.

Pick a variable, explain what the variable represents, and translate each problem to an expression or an equation. **Do not solve**.

1. When 20 is subtracted from 3 times a certain number, the result is 43. What is the number?

2. The perimeter of a rectangular athletic field is 104 m and the length is 16 m more than the width. Find the length and the width.

3. An appliance store decreases the price of a 19-in. television set 22% to a sale price of \$505.44. What was the original price?

4. Money is borrowed at 13% simple interest. After one year, \$1007.96 pays off the loan. How much was originally borrowed?

5. The sum of three consecutive odd integers is 183. What are the integers?