

Ch2.4 An Introduction to Applications of Linear Equations.

- Step on solving an applied problem:
- Step1. Read until you understand.
 - Step2. Assign a variable to the unknown value.
 - Step3. Write an equation.
 - Step4. Solve.
 - Step5. State the answer.
 - Step6. Check.

Ex1) a) If 4 is multiplied by a number decreased by 7 the product is 100. Find the number.

b) If 5 is added to the product of 9 and a number, the result is 19 less than the number. Find the number.

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Ex2) In the Olympic, the United States won 40 more medals than China. The two countries won a total of 166 medals. How many medals did each country win?