

# Linear

Test on linear eqn class 10 NCERT

Due Date: 3423

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## ## Easy Level Test for Class 9A

### ### Instructions

- Attempt all questions.
- Write your answers neatly.
- Objective-type questions require only the correct option.
- Short-answer questions require a brief explanation.

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#### 1. Objective:

Which of the following is a linear equation in one variable?

- A)  $x + y = 5$
- B)  $3x - 7 = 11$
- C)  $x^2 = 9$
- D)  $xy = 6$

#### 2. Objective:

A linear equation in two variables can be represented as:

- A)  $ax^2 + by + c = 0$
- B)  $ax + by + c = 0$
- C)  $a/x + b/y + c = 0$
- D)  $axy + b = 0$

#### 3. Short Answer:

Define a solution of a linear equation in two variables. Give an example of a linear equation in two variables and write one of its solutions.

#### 4. Short Answer:

If  $x = 2$ ,  $y = 3$  is a solution of the equation  $2x + ky = 8$ , find the value of  $k$ .

#### 5. Short Answer: