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Unit 4Lesson 5CC BY NC 2024 Illustrative Mathematics®

Unit 4, Lesson 5

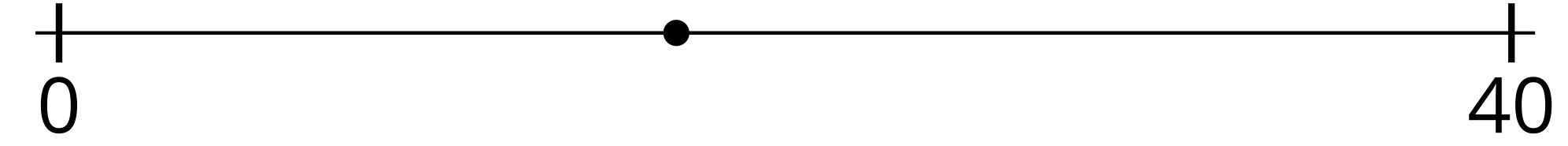
# Estimate on a Number Line

* Let’s estimate numbers on a number line.

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## Warm-up Estimation Exploration: What Number?

What number could this be?



1. Record an estimate that is:

| * too low | * about right | * too high |
| --- | --- | --- |
|  |  |  |

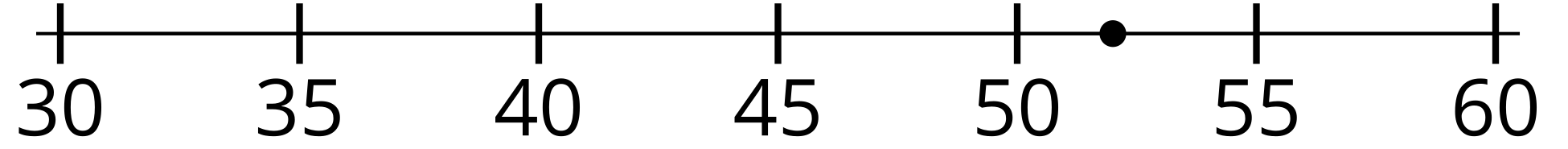
1. Record an estimate that is:

| * too low | * about right | * too high |
| --- | --- | --- |
|  |  |  |

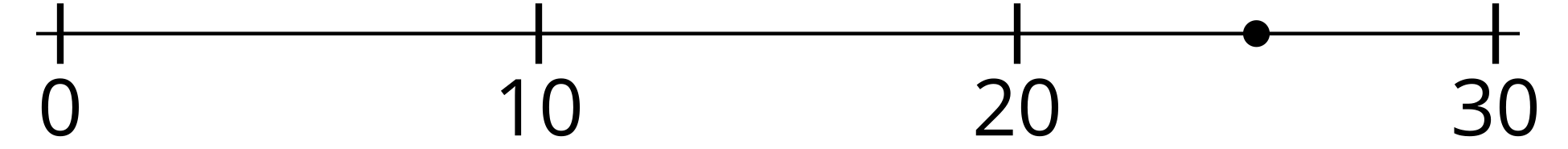
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## Activity 1 Estimate the Numbers

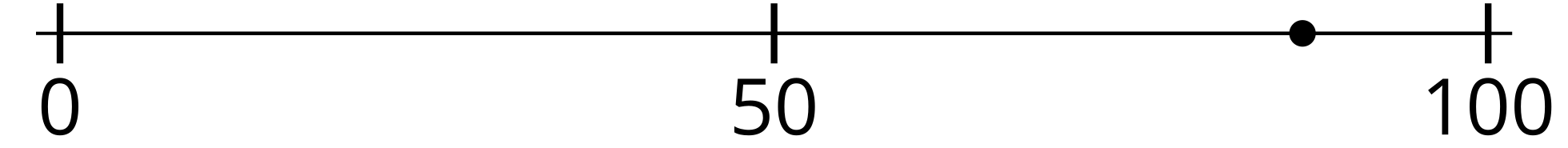
1. What number could this be? \_\_\_\_\_\_\_\_\_\_\_\_

* 

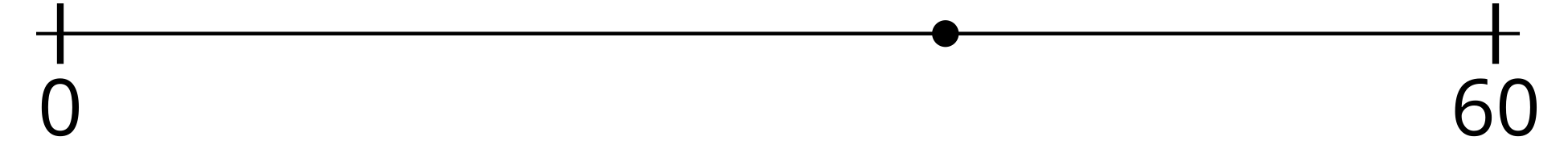
1. What number could this be? \_\_\_\_\_\_\_\_\_\_\_\_

* 

1. What number could this be? \_\_\_\_\_\_\_\_\_\_\_\_

* 

1. What number could this be? \_\_\_\_\_\_\_\_\_\_\_\_

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## Activity 2 Order the Numbers

* Pick a card. Place it on the number line.
* Explain your reasoning.
* As a group, revise the position of any cards.
* Repeat until all cards are placed.
* Draw and label points to represent each number on the number line.

## Section A Summary

We learned that **number lines** are diagrams that represent numbers as lengths away from 0 along a straight line.

* There are equal-size spaces between dots or tick marks.
* Each dot or tick mark represents a number.
* Number lines show how close or how far numbers are from 0 and each other.

We represented numbers with tick marks and points on number lines. We learned that values go up when moving to the right. We counted by 5 and 10 on number lines to locate and label numbers. We also estimated numbers by thinking about how close they were to 0 and other numbers.

