

Target 3F: Base arguments on concrete referents such as objects, drawings, diagrams, and actions

Task Model 3F.1

- The student uses concrete referents to help justify or refute an argument.
- In grade 6, items in this task model should focus on the use of number lines. In grade 7, they should focus on number lines and graphs of proportional relationships. In grade 8, they should focus on graphs of linear equations and systems of linear equations and geometric contexts related to transformations of the plane or the Pythagorean Theorem.
- Items have DOK Level 2, 3.

Example Item 3F.1a (Grade 7)

Primary Target 3F (Content Domain NS), Secondary Target 1D (CCSS 6.NS.C), Tertiary Target 3D

P and T are numbers and $P + T = 0$.

Select **all** of the statements about P and Q that could be true.

- A. $P = 0$ and $T = 0$
- B. $P = 0$ or $T = 0$, but not both.
- C. P can be any positive number and T can be any negative number.
- D. P and T are on opposite sides of zero and equally distant from zero on the number line.

Rubric: (1 point) The student selects the correct statements (A, D).

Response Type: Multiple Choice, multiple correct response