

Make 8

Grade K Number & Operations in Base Ten

Topic: Represent whole numbers within 10

Task Background

The task presents an opportunity for students to represent a number in multiple ways. The task asks students to create representations of 8. Example representations include the numeral 8 and addition or subtraction problems that result in 8, as well as appropriate visuals using a 10-frame, a number line, a number rack, etc.

Content Standards

- » Represent whole numbers within 10
- » Represent addition and subtraction with objects, fingers, mental images, drawings, sounds (e.g., claps), acting out situations, verbal explanations, expressions, or equations.
- » Decompose numbers less than or equal to 10 into pairs in more than one way, e.g., by using objects or drawings, and record each decomposition by a drawing or equation (e.g., $5 = 2 + 3$ and $5 = 4 + 1$).

Practice Standards

- » Make sense of problems and persevere in solving them
Students persevere using multiple representations for the number.
- » Model with mathematics
Students create drawings (e.g., open number lines or other representations) or other representations to model the number.

Materials

Students can use paper and writing tools, concrete and/or virtual manipulatives, and/or a screen-recording app.

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Show as many ways to make 8 as you can.

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