

Core Action 3: Problems that Share Thinking

Read the high quality problems below. Choose two problems that prompt students to share their developing thinking. Choose one of the remaining problems and edit it so that the problem will get students to share their thinking.

1. There are 48 oak trees currently in the park. Park workers have to cut down 15 oak trees that are damaged. How many oak trees will be in the park when the workers are finished? (2.OA.1)
2. Amber didn't know what 7×5 equals, but she knew $5 \times 5 = 25$ and $2 \times 5 = 10$. Use drawings, words and/or equations to explain why Amber can add 25 and 10 to find what 7×5 equals. (3.OA.5)

3. Decompose the $\frac{5}{6}$ into a sum of fractions **in two different ways**. (4.NF.3b)

$$\frac{5}{6} =$$

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4. Compute each of the following. (5.NBT.5)

$$35 \cdot 899$$

$$1001 \cdot 20$$

$$1001 \cdot 21$$

$$37 \cdot 25 \cdot 4$$

5. How can graphing a system of equations help you find its solution? (8.EE.8a)