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| **Variables and Symbols** |
| Uses equal sign as balance (left side equals right side) and not equal sign as imbalance18 + 16 = 10 + 2418 + 16 ≠ 24 – 10“The equal sign means that the numbers on both sides are worth the same amount.” | Uses symbols to represent unknown quantities18 + 🞏 = 34“I used a box to represent the unknown, but I could have used a different shape.” | Understands the unknown represents one quantity/value 18 + 🞏 = 34“The box represents a number that would be added to 18 to make 34. No matter what the symbol is, it will always represent 16.” | Solves equations flexibly18 + 🞏 = 3434 − 🞏 = 1834 – 18 = 🞏“In all of these equations, the symbol represents the same number, 16.” |
| **Observations/Documentation** |
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