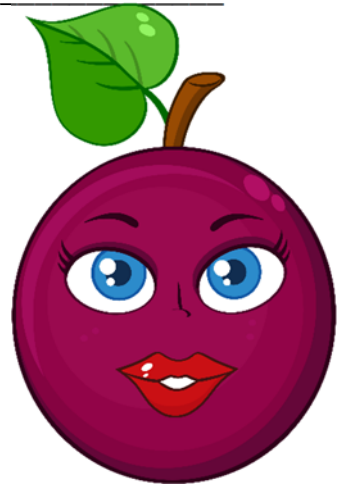


Name _____

2-Step Order of Operations Math Riddles

Directions: Solve each riddle by translating it into a math expression and evaluating it using the order of operations. Show work if needed.



1. Crates and Fruit - A grocer stacks 4 crates. Each crate holds 3 apples and 2 oranges. How many pieces of fruit are there in all?
2. Crystal Boxes - A wizard fills 2 boxes. Each box should have 7 crystals, but 3 in each box are cracked and removed. How many perfect crystals remain in total?
3. Cake Slices - A baker has 3 identical cakes. Each cake is cut into half of 8 slices. How many slices are there in all?
4. Robot Missions - A robot starts with 5 points and then completes 4 missions worth 3 points each. What is the final score?
5. Shelving Books - A librarian has 24 books and 3 shelves after adding 1 extra shelf to the original 2. If she divides the books evenly, how many books go on each shelf?
6. Garden Rows - A gardener plants 5 rows. In each row, 9 seeds are planted but 2 get eaten by birds. How many seeds are left planted in total?
7. Level Time + Tutorial - A game's 5 levels take 60 minutes in total, and there is a 7-minute tutorial. How long is one level plus the tutorial?
8. Brewing Batches - A wizard has 10 potions already and brews 4 batches of 2 potions each. How many potions does he have now?
9. Candy Share - There are 48 candies to share among friends. Four friends show up because 7 were invited and 3 couldn't come. How many candies does each friend get?
10. Pallet Planner - A truck has 40 boxes. Each pallet can hold (10 minus 6) boxes. How many pallets are needed if pallets are filled completely?