Share and Show Moth Boord

Use equations to solve each multi-step problem.

- I. A caterer is making 3 trays of 24 sandwiches and 2 trays of 30 sandwiches. She receives an order for 35 sandwiches. How many sandwiches, s, does the caterer have left?
- **On Your Own**

Use equations to solve.

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- 3. A florist makes 4 floral arrangements that are exactly the same. He uses 4 bunches of 8 tulips and 2 bunches of 10 daisies. How many flowers, *f*, are in each arrangement?
- 4. Francois is rolling coins. He has 3 rolls of 40 quarters. He has 8 rolls of 50 dimes. He exchanges 2 rolls of dimes for 1 roll of quarters. How many coins, *c*, does Francois have?



- 5. Eva has 4 trays of 15 sedimentary rocks. She has 6 trays of 12 metamorphic rocks. She gives away 5 sedimentary rocks for 7 metamorphic rocks. How many rocks, *r*, does she have?
- 6. MIR Murial alternates her exercise. She runs 5 miles each day for 3 days and walks 4 miles each day for 2 days in one week. She rides her bike 8 miles each day for 4 days the next week. How many more miles, *m*, does Murial travel during the second week than the first week?

✓ 2. A baseball league has a total of 156 players. The players are divided into 12 equal teams. Each team has 3 coaches. All players and coaches receive 2 jerseys. How many jerseys, *j*, will each team receive?

Show the Math

Demonstrate Your Thinking

Problem Solving · Applications

Fill in the bubble completely to show your answer.

- 7. MIR A volunteer took 3 cups and 7 quarts of a large bowl of soup home from a cooking class. How much soup did this volunteer take? (Hint: There are 4 cups in a quart.)
 - (A) 31 cups
 - **B** 37 cups
 - C 31 quarts
 - **D** 42 quarts
- 8. Tam's dog eats 3 times as much as her cat each day. If the cat eats 2 scoops of food each day, how many scoops of food do both animals eat in a week?
 - (A) 6 scoops
 - B 12 scoops
 - C 21 scoops
 - **D** 56 scoops
- 9. Evelyn has 4 boxes with 8 pieces of sidewalk chalk in each box. She has 3 boxes with 9 stickers in each box. She gets 5 more pieces of sidewalk chalk from her brother. If she places each sticker and each piece of chalk into a bin, how many items does she place in the bin?
 - **(A)** 24
 - **B** 55
 - **(C)** 64
 - 0
 - **D** 72
- **10.** The cost of 3 pizzas is shared equally by 6 people. Each pizza costs \$9. Each person contributes \$5. Which equation could be used to find, *m*, the amount of money left?

A	$3 \times 9 - 6 \times 5 = m$	C	$6 \times 5 - 3 \times 9 = m$
(B)	$9 \div 3 - 6 \times 5 = m$	D	$3 \times 9 + 5 \times 6 = m$

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