

Name _____



2.OA.A.1 OPERATIONS AND ALGEBRAIC THINKING

Represent and solve problems involving addition and subtraction

Use addition and subtraction within 100 to solve one-and two-step word problems involving situations of adding to, taking from, putting together, taking apart, and comparing, with unknowns in all positions, e.g., by using drawings and equations with a symbol for the unknown number to represent the problem.

What to know: Addition = putting together, subtraction = taking apart

GLOSSARY: Addend + Addend = Sum / Minuend — Subtrahend = Difference

1. Andrew had 42 baseball cards in his collection. He bought 13 more at his friend's yard sale. How many baseball cards does Andrew have now?

Example of Adding
to w/unknown sum

Draw a picture to help you solve this problem.

Write an equation to represent your work.

Name _____



2. Elizabeth had a box of crayons. She found 16 more crayons when she cleaned out her desk and put them in the box. Now there are 27 crayons in the box. How many were in the box to begin with?

Example of Adding to
w/unknown addend

Draw a picture to help you solve this problem.

Write an equation to represent your work.

3. Calah had 52 tickets for the carnival games. She used 10 tickets for the ring toss and 12 tickets for the bowling game. How many tickets does Calah have now?

Example of Taking from
w/unknown difference
2-step problem

Draw a picture to help you solve this problem.

Write an equation to represent your work.

Name _____



4. Will had 28 toy cars in a box. Some of them fell out of the box on the way to his aunt's house. When he opened the box, there were only 9 cars left inside. How many fell out?

Example of Taking from w/unknown subtrahend

Draw a picture to help you solve this problem.

Write an equation to represent your work.

5. Charlotte baked some cupcakes for a bake sale. She sold 23 and had 17 left over. How many cupcakes did Charlotte bake?

Example of Taking from w/unknown minuend

Draw a picture to help you solve this problem.

Write an equation to represent your work.



Name _____

6. Gavin and Holly worked together to make a paper chain with 55 links. At the end of the day, they each wanted to take home part of the chain. The part Holly took had 27 links. How many links were in Gavin's part?

Example of Taking apart
w/unknown difference

Draw a picture to help you solve this problem.

Write an equation to represent your work.

7. Emma and Joe put together a puzzle. When it was time to clean up, Emma took apart 21 pieces and Joe took apart 39 pieces.

Example of Taking
apart w/unknown
minuend

How many pieces were in the puzzle?

Draw a picture to help you solve this problem.

Write an equation to represent your work.