

COMMON ADDITION PROBLEM TYPES

RESULT/TOTAL UNKNOWN

- Traditional word problem
- Finding a total
- You are given two parts and you must find the whole

$$3 + 4 = ?$$



RESULT/TOTAL UNKNOWN SAMPLE

Alex collects golf balls from the golf course. He found 2 golf balls in the woods and 5 golf balls near the lake. How many golf balls did Alex find?

START UNKNOWN

- ⦿ The total is given and one part, you have to determine the missing part
- ⦿ Missing part is always the first addend

$$? + 4 = 7$$

START UNKNOWN SAMPLE

Keisha has some lollipops. She found 3 more in her book bag. Now she has 7 lollipops. How many lollipops did she start with?

CHANGE UNKNOWN

- ⦿ One part is given and the total, you have to find the second part
- ⦿ Similar to start unknown, but you will always determine the second addend

$$3 + ? = 7$$

CHANGE UNKNOWN SAMPLE

Carla has 7 cookies. Max gives her some more. Now she has 9 cookies. How many cookies did Max give Carla?

ADDEND UNKNOWN

- ⦿ The total is given and one part, you have to find the second part
- ⦿ Similar to start unknown, but you will always determine the second addend

$$7 = 3 + ?$$

ADDEND UNKNOWN SAMPLE

7 children are sitting at the table. 5 of them are girls and the rest are boys. How many boys are sitting at the table?

BOTH ADDENDS UNKNOWN

- Only the total is given
- Generally more than one way to solve it

$$? + ? = 7$$

BOTH ADDENDS UNKNOWN SAMPLE

George has 6 toy cars. Some are red and some are white. How many cars can be red and how many can be white?

CAN YOU WRITE A
NUMBER SENTENCE TO
HELP YOU SOLVE THESE
SAMPLE WORD
PROBLEMS?

I can make sense of a word problem and solve it!

Got It!	Need Help!	Learning Targets
		1. I can visualize what is happening in the problem. I can draw a picture to help me.
		2. I can reread the problem one sentence at a time if I can't explain what is happening in my own words.
		3. I can explain what the problem is asking me to do.
		4. I can explain what each number in the problem represents.
		5. I can get started by knowing whether I am adding or subtracting.
		6. I can write a number sentence to help me solve my problem.