Waddle, Waddle, Splat!

Building Fluency: adding and subtracting within 20

Materials: gameboard, markers, word problem cards, paper or manipulatives

Number of Players: 2-3

Directions:
1. Place the word problem cards face down on the gameboard.
2. Player 1 chooses the top word problem from the deck and reads it to Player 2.
3. If Player 2 adds to solve the problem, they waddle forward 1 space. If Player 2 subtracts to solve the problem, they waddle forward 2 spaces.
4. Players take turns drawing cards and solving problems.
5. The first player to waddle to the pond is the winner.

Variation/Extension: Students solve problems in their math notebooks.

Boo Hoo!
Waddle back
1 space

Caught in
the current.
Move Forward
1 space.

Lucky Duck!
Move Forward
1 space.

WINNER

Stop to play in
the waterfall.
Lose a turn!

START

Word Problem Cards

There are eight buses in the school. If four are sent to pick up children, how many buses are still at school?

$$8 - 4 = 4$$

Alli went to the store. She bought three red apples and five yellow apples. How many apples did Alli buy?

$$3 + 5 = 8$$

A zoo has 11 black bears and 8 brown bears. How many bears are at the zoo?

$$11 + 8 = 19$$

Samantha had five hair bows. If she gave two hair bows to her friend, how many hair bows does she have left?

$$5 - 2 = 3$$

Emily and John bought nine purple flowers and five white flowers. How many flowers did they buy?

$$9 + 5 = 14$$

Carson and Ellie counted eight birds in the tree at school. Later they saw eight birds in a tree at home. How many birds did they see that day?

$$8 + 8 = 16$$

Julie baked 8 chocolate chip cookies, 3 sugar cookies and 2 peanut butter cookies. How many cookies did Julie bake?

$$8 + 3 + 2 = 13$$

Sam has nine balloons, 6 are pink and the rest are purple. How many balloons are purple?

$$9 - 6 = 3$$

7 ducks, 2 frogs and 1 swan are swimming in the pond. How many animals are in the pond?

$$7 + 2 + 1 = 10$$

Jason ate seven cookies and Madison ate two cookies. How many more cookies did Jason eat than Madison?

$$7 - 2 = 5$$

Ian bought 3 packs of baseball cards. Each pack has 4 cards. How many cards does Ian have?

$$4 + 4 + 4 = 12$$

Pierce got three new CDs on his birthday. He already had nine CDs. How many CDs does he have now?

$$3 + 9 = 12$$

I saw 2 cats and 1 dog outside. How many legs did I see?

$$8 + 4 = 12 \quad \text{or} \quad 4 + 4 + 4 = 12$$

Seven birds were sitting on a tree branch. A 'BANG' scared some of them away. Now there are three on the branch. How many birds were scared away?

$$7 - 3 = 4$$

Sixteen umbrellas are by the front door. Five of the umbrellas are red. The rest are yellow. How many umbrellas are yellow?

$$16 - 5 = 11$$

Harry bought seven erasers and two pencils. How many more erasers than pencils did Harry buy?

$$7 - 2 = 5$$

Six girls and three boys went to school. How many more girls than boys went?

$$6 - 3 = 3$$

Mom had three blue hats and nine pink hats. How many hats did she have?

$$3 + 9 = 12$$

At the pet store I saw 5 hamsters, 6 fish and 4 lizards for sale. How many pets did I see for sale?

$$5 + 6 + 4 = 19$$

Wilma ran five miles on Tuesday and three miles on Thursday. How many more miles did Wilma run on Tuesday than Thursday?

$$5 - 3 = 2$$

Maci has fifteen pocketbooks. Amber has eight pocketbooks. How many more pocketbooks does Maci have than Amber?

$$15 - 8 = 7$$

There were three cars. Three people were in each car. How many people were there in all?

$$3 + 3 + 3 = 9$$

The kids had three footballs and eight baseballs. How many balls did the kids have?

$$3 + 8 = 11$$

Olivia ate 1 potato, 7 green beans and 6 baby carrots. How many vegetables did Olivia eat?

$$1 + 7 + 6 = 14$$

Five cookies were on the table. Cameron ate some cookies. Then there were three cookies. How many cookies did Cameron eat?

$$5 - 3 = 2$$

Tonya invites 15 friends to her party. Two of her friends were unable to come to her party. How many of Tonya's friends will come to her party?

$$15 - 2 = 13$$

Alli has some marbles in her pocket. Five of the marbles are pink. The other eight are yellow. How many marbles does Alli have in her pocket?

$$5 + 8 = 13$$

Thomas played 3 baseball games one week. He played 6 baseball games the next week. He played 0 baseball games the third week. How many baseball games did Thomas play?

$$3 + 6 + 0 = 9$$

Robin made 7 phone calls on Saturday. She made 3 phone calls on Sunday. How many more phone calls did Robin make on Saturday than on Sunday?

$$7 - 3 = 4$$

Two frogs were sitting on a log. Six more frogs hop there. How many frogs are there now.

$$2 + 6 = 8$$