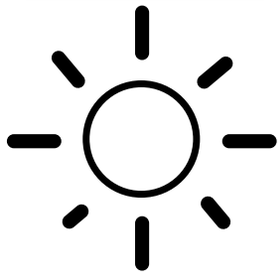
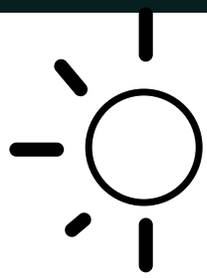


# SUMMER

# MATH PACKET

## 2nd Grade Fun Sampler

www.mathfactfluencyplayground.com



# THIS SUMMER PACKET BELONGS TO:

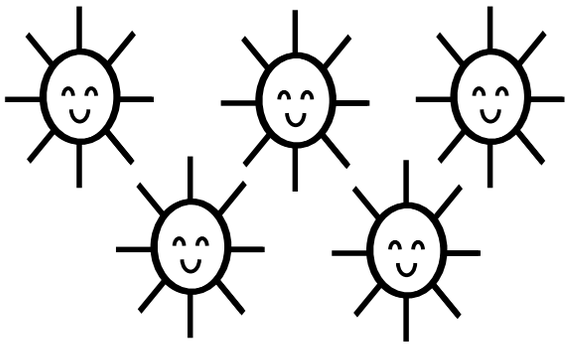
_____

## (NAME)

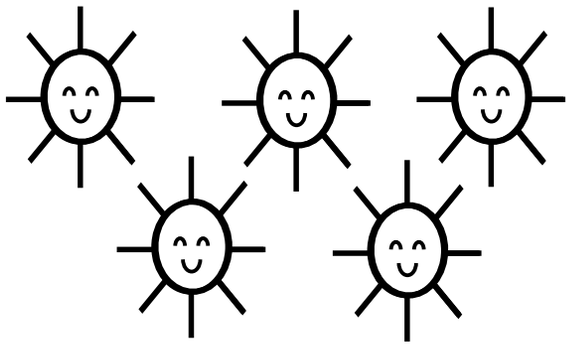
# KEEP TRACK OF YOUR SUMMER WORK

**As you complete each activity, color a sun!**

## WEEK 1



## WEEK 2



# WEEK 1

# HOW TO PLAY ROCK, PAPER AND SCISSORS.

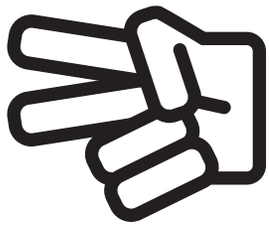
This game is (also known as Roshambo). It is a fun and easy way to start a game.
Players say "Rock, paper, scissors." Each player throws a rock, paper or scissors.

- Rock beats scissors,
- scissors beat paper,
- paper beats rock.

scissors

rock

paper



scissors

rock

paper

# Addition Tic Tac Toe

## Adding within 10

| | | |
|---|---|---|
| 4+5 | 3+7 | 4+6 |
| 2+7 | 5+1 | 6+3 |
| 6+2 | 2+2 | 1+1 |

| | | |
|---|---|---|
| 7+1 | 8+2 | 2+3 |
| 3+3 | 4+1 | 5+5 |
| 4+3 | 1+9 | 2+6 |

| | | |
|---|---|---|
| 8+1 | 5+4 | 2+7 |
| 4+5 | 6+2 | 5+3 |
| 2+6 | 1+9 | 2+1 |

| | | |
|---|---|---|
| 2+4 | 1+1 | 3+2 |
| 6+1 | 1+4 | 5+4 |
| 2+7 | 8+2 | 6+3 |

**Instructions: Play rock, paper, scissors to see who starts. Then take turns answering a problem on the mat. Whoever gets 3 in a row first wins.**

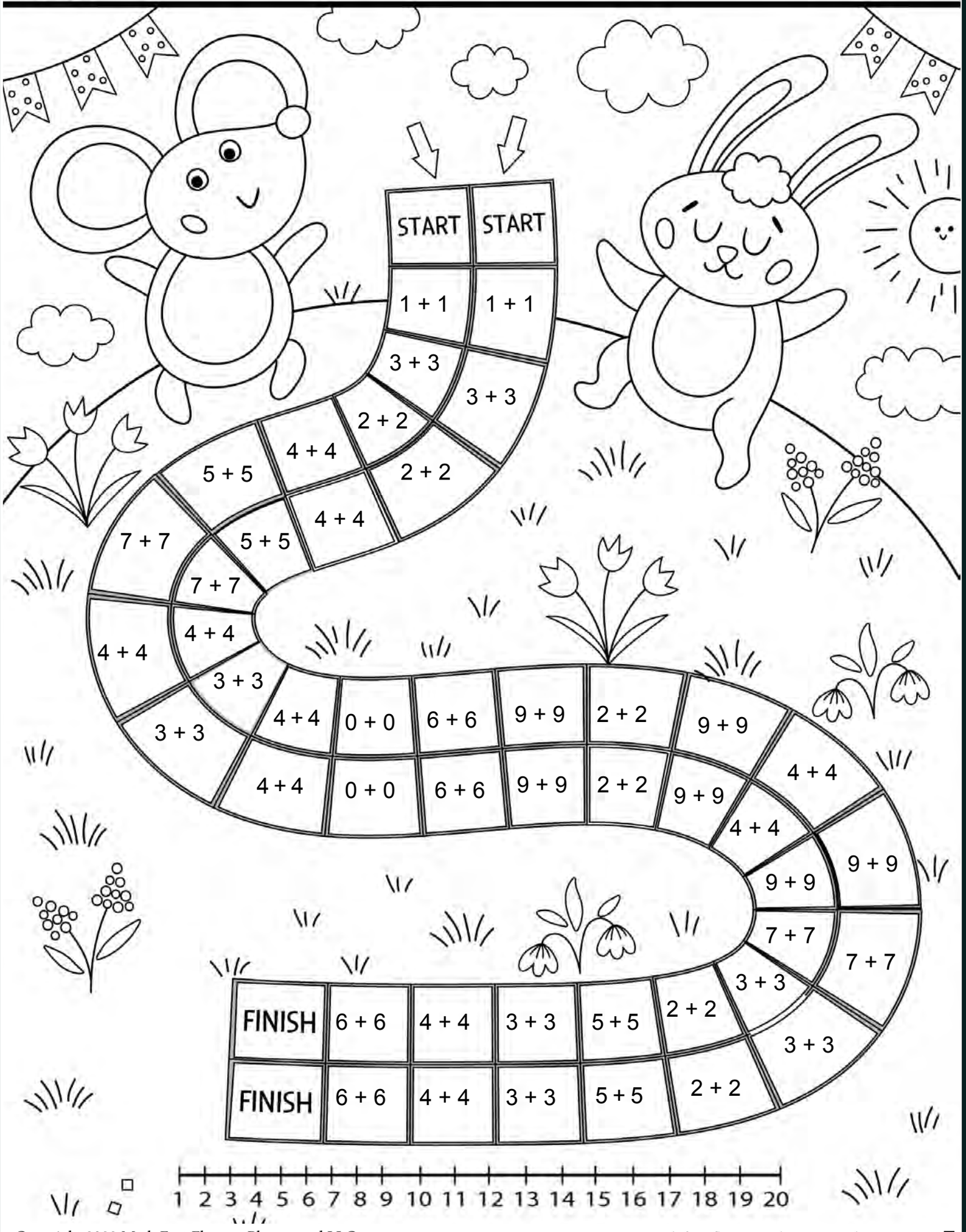
# FIND THE SUMS OF 18!

**Circle all the sums of 18**

| | | | | |
|---|---|---|---|---|
| 1 | 17 | 5 | 7 | 8 |
| 3 | 4 | 12 | 9 | 9 |
| 4 | 6 | 3 | 5 | 2 |
| 7 | 18 | 0 | 1 | 13 |
| 9 | 11 | 2 | 0 | 4 |

# DOUBLES

**Instructions:** Roll the dice. Move and solve the problem. Whoever reaches the end first wins!

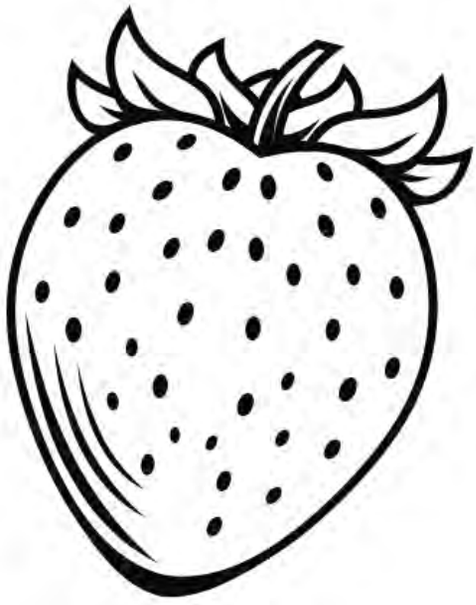


# MATH SPELLING PUZZLES

**Fill in the missing number to make the equation true.**

## ADDING WITHIN 20

| | | |
|---|---|---|
| 15 + 4 = | ☐ | R |
| 6 + 2 = | ☐ | W |
| 13 + 6 = | ☐ | R |
| 15 + 3 = | ☐ | A |
| 18 + 2 = | ☐ | E |
| 14 + 2 = | ☐ | B |
| 11 + 4 = | ☐ | S |
| 11 + 8 = | ☐ | R |
| 10 + 7 = | ☐ | T |
| 11 + 2 = | ☐ | Y |



| 15 | 17 | 19 | 18 | 8 | 16 | 20 | 19 | 19 | 13 |
|---|---|---|---|---|---|---|---|---|---|
| | | | | | | | | | |

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# MATH MAZE

Help the kids get to the sand castle. Make a path by drawing a line through the boxes that have a sum of 25.

| | | | | | | | |
|---|---|---|---|---|---|---|---|
| 12 + 12 | 4 + 21 | 3 + 22 | 2 + 23 | 5 + 10 | 1 + 24 |  | |
| 15 + 16 | 5 + 20 | 20 + 11 | 6 + 19 | 7 + 18 | 8 + 17 | 34 + 23 | 43 + 14 |
| 23 + 15 | 9 + 16 | 14 + 17 |  | | 35 + 46 | 11 + 14 | 12 + 13 |
| 16 + 9 | 19 + 6 | 25 + 15 | | | 13 + 12 = 25 START | 10 + 15 | 14 + 11 |
| 10 + 15 | 47 + 34 | 2 + 23 | 7 + 18 | 18 + 7 | 26 + 36 | 56 + 23 | 24 + 1 |
| 15 + 10 | 16 + 9 | 17 + 8 | 34 + 26 | 19 + 6 | 23 + 15 | 22 + 3 | 4 + 21 |
| 24 + 5 | 4 + 36 | 24 + 10 | 65 + 45 | 20 + 5 | 21 + 4 | 23 + 2 | 34 + 75 |

# WEEK 2

# Addition Tic Tac Toe

## Make 20

| | | |
|---|---|---|
| ?+19 | 16+? | 7+? |
| 12+? | ?+15 | ?+16 |
| ?+17 | ?+9 | ?+10 |

| | | |
|---|---|---|
| 14+? | 8+? | 9+? |
| 17+? | ?+19 | ?+15 |
| ?+4 | ?+10 | 18+? |

| | | |
|---|---|---|
| ?+12 | ?+5 | ?+10 |
| 17+? | 11+? | ?+13 |
| ?+2 | ?+4 | 14+? |

| | | |
|---|---|---|
| 11+? | ?+13 | ?+14 |
| ?+3 | 8+? | 8+? |
| 15+? | ?+16 | ?+10 |

**Instructions: Play rock, paper, scissors to see who starts. Then take turns answering a problem on the mat. Whoever gets 3 in a row first wins.**

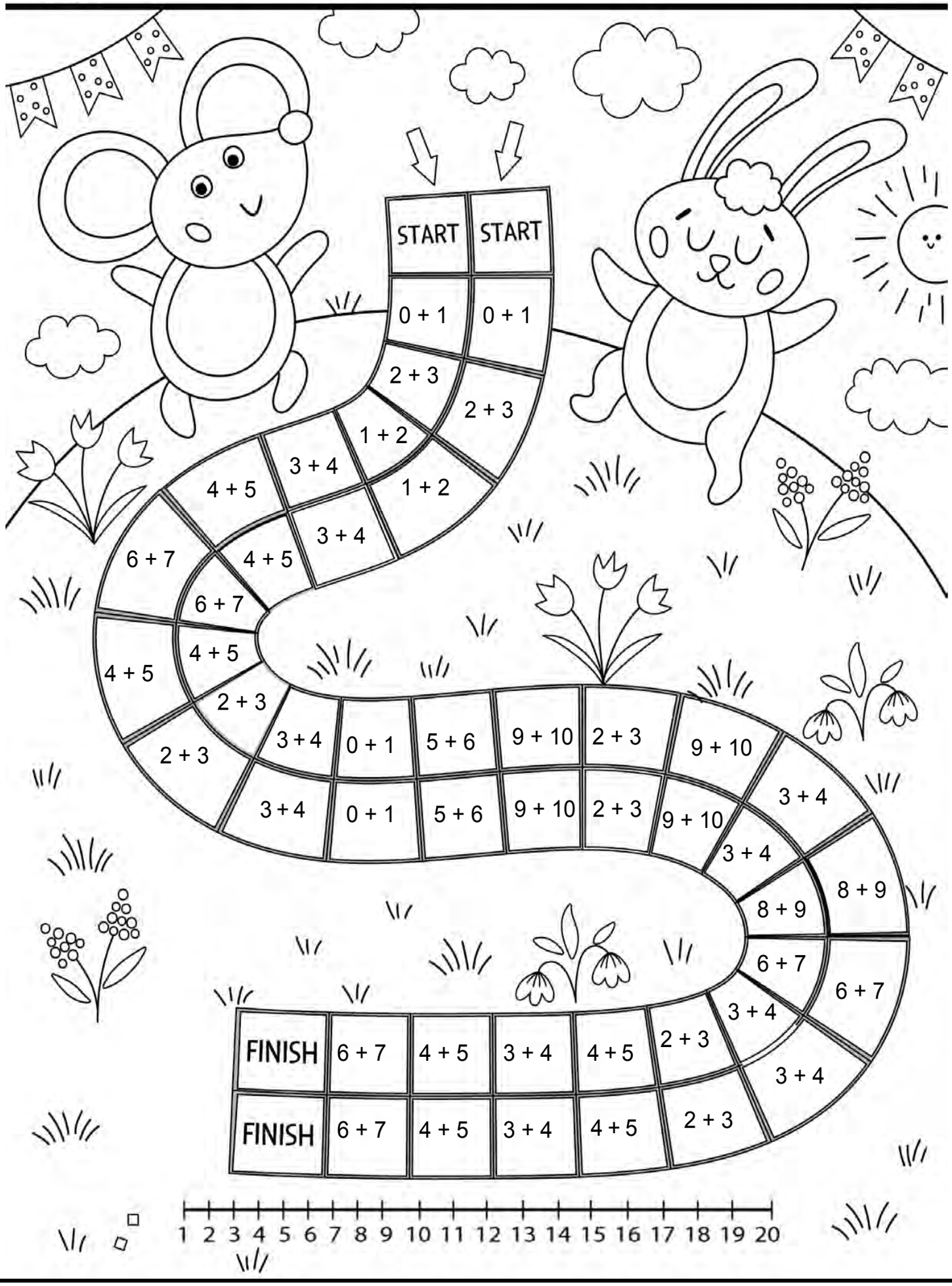
# FIND THE SUMS OF 20!

**Circle all the sums of 20**

| | | | | |
|---|---|---|---|---|
| 1 | 12 | 8 | 6 | 11 |
| 10 | 2 | 14 | 1 | 9 |
| 10 | 1 | 6 | 7 | 2 |
| 7 | 18 | 0 | 1 | 12 |
| 0 | 5 | 2 | 8 | 4 |

# DOUBLES PLUS 1

**Instructions:** Roll the dice. Move and solve the problem. Whoever reaches the end first wins!



# MATH SPELLING PUZZLES

**Fill in the missing number to make the equation true.**

## ADDING WITHIN 20

| | | |
|---|---|---|
| 16 + 2 = | ☐ | C |
| 11 + 9 = | ☐ | R |
| 11 + 7 = | ☐ | C |
| 18 + 1 = | ☐ | S |
| 13 + 1 = | ☐ | E |
| 12 + 3 = | ☐ | O |

| 19 | 15 | 18 | 18 | 14 | 20 |
|---|---|---|---|---|---|
| | | | | | |

# MATH MAZE

Help the kids get to the sand castle. Make a path by drawing a line through the boxes that have a sum of 100.

| | | | | | | | |
|---|---|---|---|---|---|---|---|
| 92 + 8 | 45 +55 | 62 +32 | 22 +15 | 23 +77 | 20 +80 | 83 +17 |  |
| 39 +61 | 22 +14 | 72 +28 | 58 +42 | 69 +31 | 25 + 38 | 55 +23 | 28 +14 |
| 75 +25 | 27 +11 | 87 +43 |  | | 91 +69 | 77 +25 | 24 +59 |
| 77 +23 | 33 +67 | 37 +26 | | | 26 + 74 100 | 90 +10 | 13 +87 |
| 66 +30 | 19 + 81 | 38 +62 | 25 +75 | 50 +50 | 21 + 2 | 3 +27 | 8 +92 |
| 33 +53 | 26 +87 | 23 + 9 | 11 +21 | 35 +65 | 79 +21 | 6 +94 | 66 +34 |
| 11 +27 | 23 + 39 | 24 +54 | 88 +10 | 95 +50 | 89 +13 | 14 +86 | 22 +20 |

START

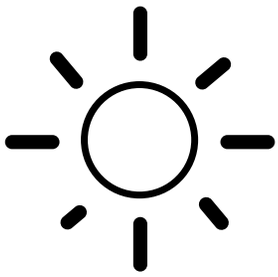
# SUMMER MATH SURVEY!

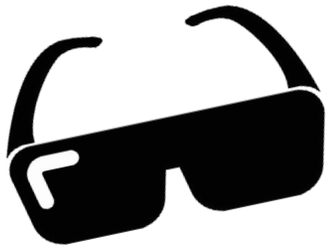
**Q1: What was your favorite math activity in this packet?**

**Q2: What was kind of tricky? What strategies did you use to help you?**

**Q3: What do you need to continue to practice?**

**Q4: How do you feel about math?**

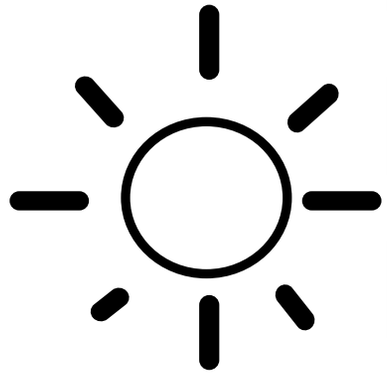




# THE END

## HOPE YOU HAD A GREAT SUMMER!

# WOOHOO!



## You did it!

## You have finished the summer packet!

## CONGRATULATIONS TO YOU!

# ANSWER KEY

# WEEK 1 & 2 (Addition and Subtraction answers)

# ADDITION TABLE

| + | 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 | 9 | 10 |
|---|---|---|---|---|---|---|---|---|---|---|
| 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 | 9 | 10 | 11 |
| 2 | 3 | 4 | 5 | 6 | 7 | 8 | 9 | 10 | 11 | 12 |
| 3 | 4 | 5 | 6 | 7 | 8 | 9 | 10 | 11 | 12 | 13 |
| 4 | 5 | 6 | 7 | 8 | 9 | 10 | 11 | 12 | 13 | 14 |
| 5 | 6 | 7 | 8 | 9 | 10 | 11 | 12 | 13 | 14 | 15 |
| 6 | 7 | 8 | 9 | 10 | 11 | 12 | 13 | 14 | 15 | 16 |
| 7 | 8 | 9 | 10 | 11 | 12 | 13 | 14 | 15 | 16 | 17 |
| 8 | 9 | 10 | 11 | 12 | 13 | 14 | 15 | 16 | 17 | 18 |
| 9 | 10 | 11 | 12 | 13 | 14 | 15 | 16 | 17 | 18 | 19 |
| 10 | 11 | 12 | 13 | 14 | 15 | 16 | 17 | 18 | 19 | 20 |

# ADDITION TABLE

| | | | | |
|---|---|---|---|---|
| 1 + 1 = 2 | 2 + 1 = 3 | 3 + 1 = 4 | 4 + 1 = 5 | 5 + 1 = 6 |
| 1 + 2 = 3 | 2 + 2 = 4 | 3 + 2 = 5 | 4 + 2 = 6 | 5 + 2 = 7 |
| 1 + 3 = 4 | 2 + 3 = 5 | 3 + 3 = 6 | 4 + 3 = 7 | 5 + 3 = 8 |
| 1 + 4 = 5 | 2 + 4 = 6 | 3 + 4 = 7 | 4 + 4 = 8 | 5 + 4 = 9 |
| 1 + 5 = 6 | 2 + 5 = 7 | 3 + 5 = 8 | 4 + 5 = 9 | 5 + 5 = 10 |
| 1 + 6 = 7 | 2 + 6 = 8 | 3 + 6 = 9 | 4 + 6 = 10 | 5 + 6 = 11 |
| 1 + 7 = 8 | 2 + 7 = 9 | 3 + 7 = 10 | 4 + 7 = 11 | 5 + 7 = 12 |
| 1 + 8 = 9 | 2 + 8 = 10 | 3 + 8 = 11 | 4 + 8 = 12 | 5 + 8 = 13 |
| 1 + 9 = 10 | 2 + 9 = 11 | 3 + 9 = 12 | 4 + 9 = 13 | 5 + 9 = 14 |
| 1 + 10 = 11 | 2 + 10 = 12 | 3 + 10 = 13 | 4 + 10 = 14 | 5 + 10 = 15 |

# ADDITION TABLE

| | | | | |
|---|---|---|---|---|
| 6 + 1 = 7 | 7 + 1 = 8 | 8 + 1 = 9 | 9 + 1 = 10 | 10 + 1 = 11 |
| 6 + 2 = 8 | 7 + 2 = 9 | 8 + 2 = 10 | 9 + 2 = 11 | 10 + 2 = 12 |
| 6 + 3 = 9 | 7 + 3 = 10 | 8 + 3 = 11 | 9 + 3 = 12 | 10 + 3 = 13 |
| 6 + 4 = 10 | 7 + 4 = 11 | 8 + 4 = 12 | 9 + 4 = 13 | 10 + 4 = 14 |
| 6 + 5 = 11 | 7 + 5 = 12 | 8 + 5 = 13 | 9 + 5 = 14 | 10 + 5 = 15 |
| 6 + 6 = 12 | 7 + 6 = 13 | 8 + 6 = 14 | 9 + 6 = 15 | 10 + 6 = 16 |
| 6 + 7 = 13 | 7 + 7 = 14 | 8 + 7 = 15 | 9 + 7 = 16 | 10 + 7 = 17 |
| 6 + 8 = 14 | 7 + 8 = 15 | 8 + 8 = 16 | 9 + 8 = 17 | 10 + 8 = 18 |
| 6 + 9 = 15 | 7 + 9 = 16 | 8 + 9 = 17 | 9 + 9 = 18 | 10 + 9 = 19 |
| 6 + 10 = 16 | 7 + 10 = 17 | 8 + 10 = 18 | 9 + 10 = 19 | 10 + 10 = 20 |

# SUBTRACTION TABLE

| ones |
|---|
| 1 - 1 = 0 |
| 2 - 1 = 1 |
| 3 - 1 = 2 |
| 4 - 1 = 3 |
| 5 - 1 = 4 |
| 6 - 1 = 5 |
| 7 - 1 = 6 |
| 8 - 1 = 7 |
| 9 - 1 = 8 |
| 10 - 1 = 9 |
| 11 - 1 = 10 |
| 12 - 1 = 11 |

| twos |
|---|
| 2 - 1 =1 |
| 2 - 2 = 0 |
| 3 - 2 = 1 |
| 4 - 2 = 2 |
| 5 - 2 = 3 |
| 6 - 2 = 4 |
| 7 - 2 = 5 |
| 8 - 2 = 6 |
| 9 - 2 = 7 |
| 10 - 2 = 8 |
| 11 - 2 = 9 |
| 12 - 2 = 10 |

| threes |
|---|
| 3 - 1 = 2 |
| 3 - 2 = 1 |
| 3 - 3 = 0 |
| 4 - 3 = 1 |
| 5 - 3 = 2 |
| 6 - 3 = 3 |
| 7 - 3 = 4 |
| 8 - 3 = 5 |
| 9 - 3 = 6 |
| 10 - 3 = 7 |
| 11 - 3 = 8 |
| 12 - 3 = 9 |

| fours |
|---|
| 4 - 1 = 3 |
| 4 - 2 = 2 |
| 4 - 3 = 1 |
| 4 - 4 = 0 |
| 5 - 4 = 1 |
| 6 - 4 = 2 |
| 7 - 4 = 3 |
| 8 - 4 = 4 |
| 9 - 4 = 5 |
| 10 - 4 = 6 |
| 11 - 4 = 7 |
| 12 - 4 = 8 |

| fives |
|---|
| 5 - 1 = 4 |
| 5 - 2 = 3 |
| 5 - 3 = 2 |
| 5 - 4 = 1 |
| 5 - 5 = 0 |
| 6 - 5 = 1 |
| 7 - 5 = 2 |
| 8 - 5 = 3 |
| 9 - 5 = 4 |
| 10 - 5 = 5 |
| 11 - 5 = 6 |
| 12 - 5 = 7 |

| sixes |
|---|
| 6 - 1 = 5 |
| 6 - 2 = 4 |
| 6 - 3 = 3 |
| 6 - 4 = 2 |
| 6 - 4 = 1 |
| 6 - 6 = 0 |
| 7 - 6 = 1 |
| 8 - 6 = 2 |
| 9 - 6 = 3 |
| 10 - 6 = 4 |
| 11 - 6 = 5 |
| 12 - 6 = 6 |

| sevens |
|---|
| 7 - 1 = 6 |
| 7 - 2 = 5 |
| 7 - 3 = 4 |
| 7 - 4 = 3 |
| 7 - 5 = 2 |
| 7 - 6 = 1 |
| 7 - 7 = 0 |
| 8 - 7 = 1 |
| 9 - 7 = 2 |
| 10 - 7 = 3 |
| 11 - 7 = 4 |
| 12 - 7 = 5 |

| eights |
|---|
| 8 - 1 = 7 |
| 8 - 2 = 6 |
| 8 - 3 = 5 |
| 8 - 4 = 4 |
| 8 - 4 = 3 |
| 8 - 4 = 2 |
| 8 - 4 = 1 |
| 8 - 8 = 0 |
| 9 - 8 = 1 |
| 10 - 8 = 2 |
| 11 - 8 = 3 |
| 12 - 8 = 4 |

| nines |
|---|
| 9 - 1 = 8 |
| 9 - 2 = 7 |
| 9 - 3 = 6 |
| 9 - 4 = 5 |
| 9 - 5 = 4 |
| 9 - 6 = 3 |
| 9 - 7 = 2 |
| 9 - 8 = 1 |
| 9 - 9 = 0 |
| 10 - 9 = 1 |
| 11 - 9 = 2 |
| 12 - 9 = 3 |

| tens |
|---|
| 10 - 1 = 9 |
| 10 - 2 = 8 |
| 10 - 3 = 7 |
| 10 - 4 = 6 |
| 10 - 5 = 5 |
| 10 - 6 = 4 |
| 10 - 7 = 3 |
| 10 - 8 = 2 |
| 10 - 9 = 1 |
| 10 - 10 = 0 |
| 11 - 10 = 1 |
| 12 - 10 = 2 |

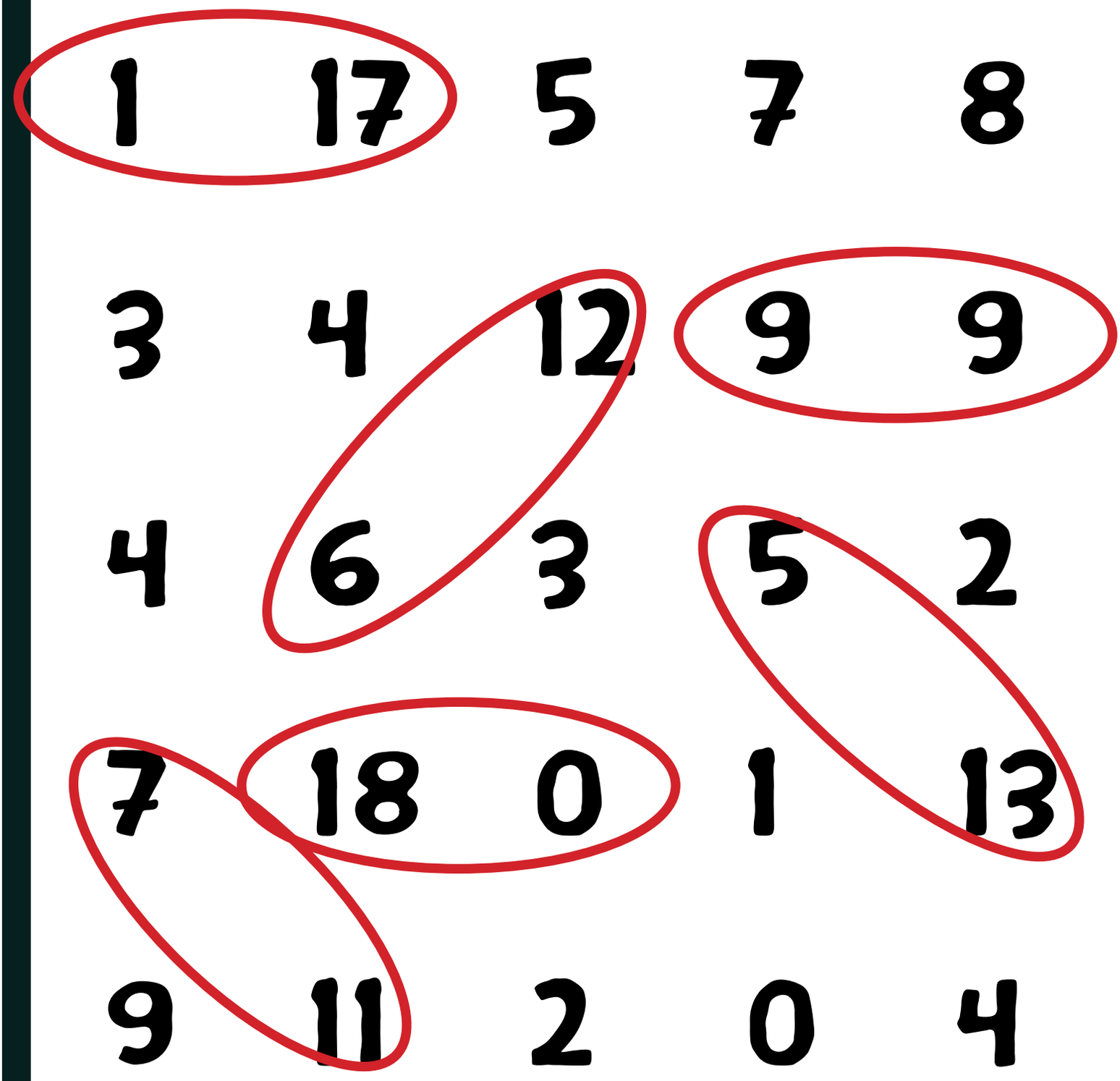
| elevens |
|---|
| 11 - 1 = 10 |
| 11 - 2 = 9 |
| 11 - 3 = 8 |
| 11 - 4 = 7 |
| 11 - 5 = 6 |
| 11 - 6 = 5 |
| 11 - 7 = 4 |
| 11 - 8 = 3 |
| 11 - 9 = 2 |
| 11 - 10 = 1 |
| 11 - 11 = 0 |
| 12 - 11 = 1 |

| twelves |
|---|
| 12 - 1 = 11 |
| 12 - 2 =10 |
| 12 - 3 = 9 |
| 12 - 4 = 8 |
| 12 - 5 = 7 |
| 12 - 6 = 6 |
| 12 - 7 = 5 |
| 12 - 8 = 4 |
| 12 - 9 = 3 |
| 12 - 10 = 2 |
| 12 - 11 = 1 |
| 12 - 12 = 0 |

# WEEK 1

# FIND THE SUMS OF 18!

**Circle all the sums of 18**

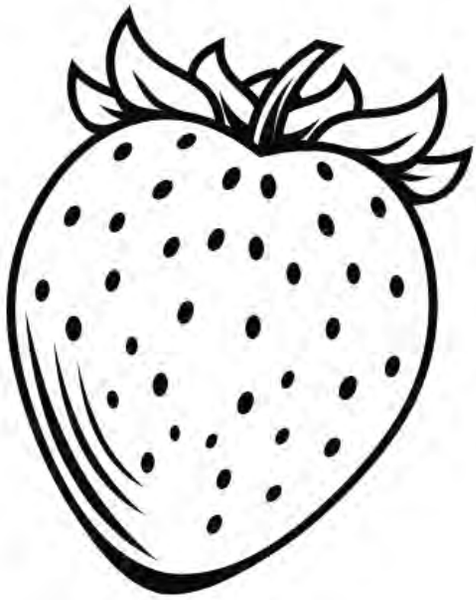


# MATH SPELLING PUZZLES

**Fill in the missing number to make the equation true.**

## ADDING WITHIN 20

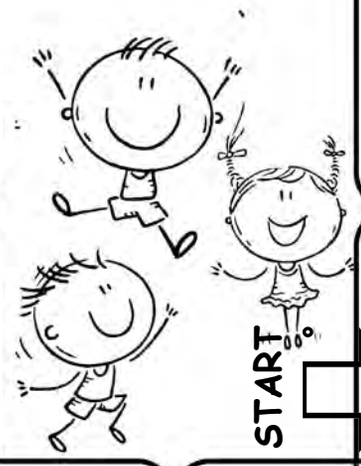
| | | |
|---|---|---|
| 15 + 4 = | 19 | R |
| 6 + 2 = | 8 | W |
| 13 + 6 = | 19 | R |
| 15 + 3 = | 18 | A |
| 18 + 2 = | 20 | E |
| 14 + 2 = | 16 | B |
| 11 + 4 = | 15 | S |
| 11 + 8 = | 19 | R |
| 10 + 7 = | 17 | T |
| 11 + 2 = | 13 | Y |



| 15 | 17 | 19 | 18 | 8 | 16 | 20 | 19 | 19 | 13 |
|---|---|---|---|---|---|---|---|---|---|
| S | T | R | A | W | B | E | R | R | Y |

# MATH MAZE

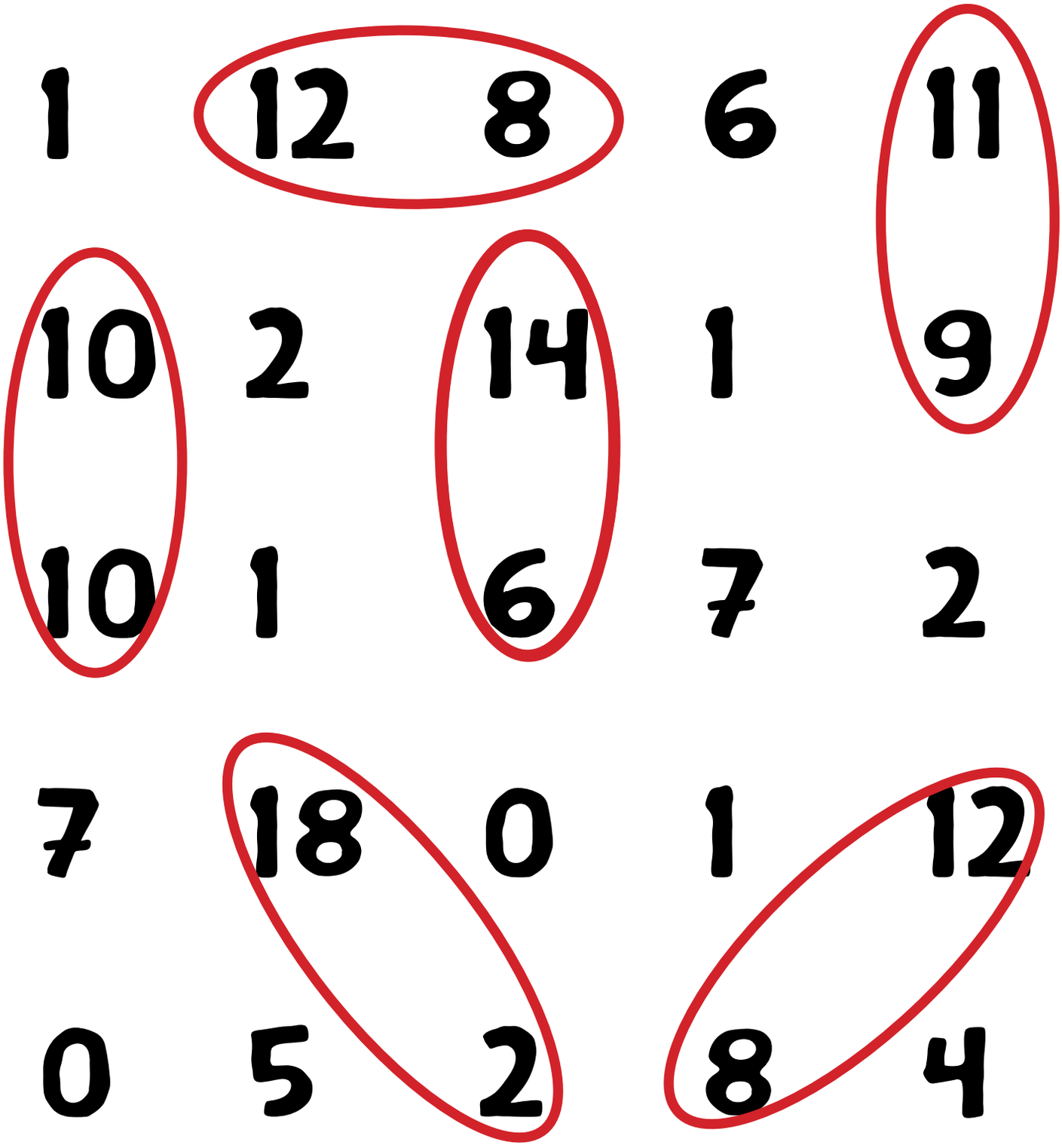
Help the kids get to the sand castle. Make a path by drawing a line through the boxes that have a sum of 25.

| | | | | | | | |
|---|---|---|---|---|---|---|---|
| 12 + 12 | 4 + 21 → 25 | 3 + 22 → 25 | 2 + 23 ↓ 25 | 5 + 10 | 1 + 24 → 25 |  | |
| 15 + 16 | 5 + 20 ↑ 25 | 20 + 11 | 6 + 19 → 25 | 7 + 18 → 25 | 8 + 17 ↑ 25 | 34 + 23 | 43 + 14 |
| 23 + 15 | 9 + 16 ↑ 25 | 14 + 17 |   | | 35 + 46 | 11 + 14 | 12 + 13 |
| 16 + 9 → 25 | 19 + 6 ↑ 25 | 25 + 15 | | | 13 + 12 25 | 10 + 15 → 25 | 14 + 11 ↓ 25 |
| 10 + 15 ↑ 25 | 47 + 34 | 2 + 23 ↓ 25 | 7 + 18 ← 25 | 18 + 7 ← 25 | 26 + 36 | 56 + 23 | 24 + 1 ↓ 25 |
| 15 + 10 ↑ 25 | 16 + 9 ← 25 | 17 + 8 ← 25 | 34 + 26 | 19 + 6 ↑ 25 | 23 + 15 | 22 + 3 ↓ 25 | 4 + 21 ← 25 |
| 24 + 5 | 4 + 36 | 24 + 10 | 65 + 45 | 20 + 5 ↑ 25 | 21 + 4 ← 25 | 23 + 2 ← 25 | 34 + 75 |

# WEEK 2

# FIND THE SUMS OF 20!

**Circle all the sums of 20**



# MATH SPELLING PUZZLES

**Fill in the missing number to make the equation true.**

## ADDING WITHIN 20

| | | |
|---|---|---|
| 16 + 2 = | 18 | C |
| 11 + 9 = | 20 | R |
| 11 + 7 = | 18 | C |
| 18 + 1 = | 19 | S |
| 13 + 1 = | 14 | E |
| 12 + 3 = | 15 | O |

| | | | | | |
|---|---|---|---|---|---|
| 19 | 15 | 18 | 18 | 14 | 20 |
| S | O | C | C | E | R |

# MATH MAZE

Help the kids get to the sand castle. Make a path by drawing a line through the boxes that have a sum of 100.

| | | | | | | | |
|---|---|---|---|---|---|---|---|
| 92 + 8 = 100 | 45 + 55 = 100 | 62 + 32 = 100 | 22 + 15 | 23 + 77 = 100 | 20 + 80 = 100 | 83 + 17 = 100 |  |
| 39 + 61 = 100 | 22 + 14 | 72 + 28 = 100 | 58 + 42 = 100 | 69 + 31 = 100 | 25 + 38 | 55 + 23 | 28 + 14 |
| 75 + 25 = 100 | 27 + 11 | 87 + 43 |   | | 91 + 69 | 77 + 25 | 24 + 59 |
| 77 + 23 = 100 | 33 + 67 = 100 | 37 + 26 | | | 26 + 74 = 100 | 90 + 10 = 100 | 13 + 87 = 100 |
| 66 + 30 | 19 + 81 = 100 | 38 + 62 = 100 | 25 + 75 = 100 | 50 + 50 = 100 | 21 + 2 | 3 + 27 | 8 + 92 = 100 |
| 33 + 53 | 26 + 87 | 23 + 9 | 11 + 21 | 35 + 65 = 100 | 79 + 21 = 100 | 6 + 94 = 100 | 66 + 34 = 100 |
| 11 + 27 | 23 + 39 | 24 + 54 | 88 + 10 | 95 + 50 | 89 + 13 | 14 + 86 | 22 + 20 |