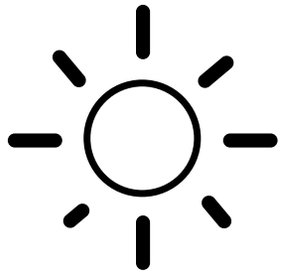
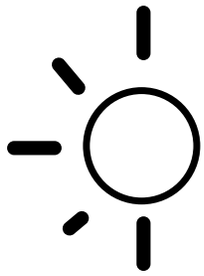


SUMMER MATH PACKET

3rd Grade Fun

www.mathfactfluencyplayground.com



THIS SUMMER PACKET BELONGS TO:

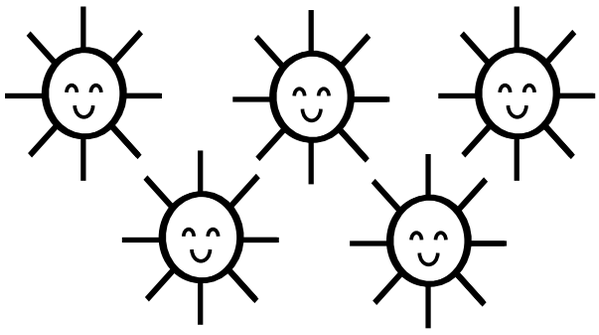
_____

(NAME)

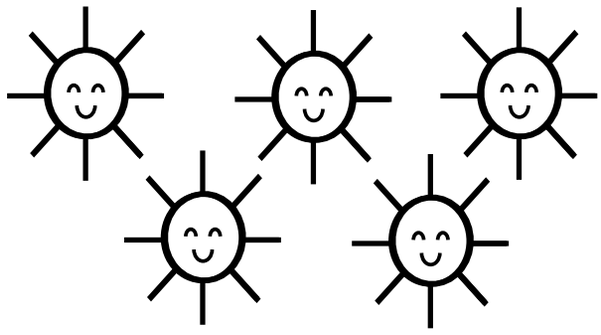
KEEP TRACK OF YOUR SUMMER WORK

As you complete each activity, color a sun!

WEEK 1



WEEK 2



WEEK 1

HOW TO PLAY ROCK, PAPER AND SCISSORS.

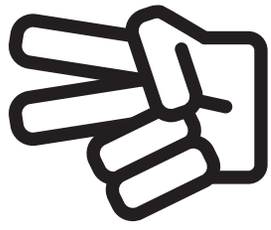
This game is (also known as Roshambo). It is a fun and easy way to start a game.
Players say "Rock, paper, scissors." Each player throws a rock, paper or scissors.

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

scissors

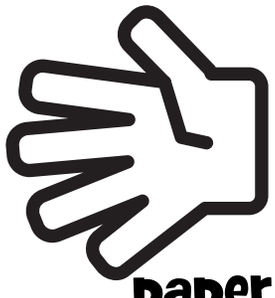
rock

paper



scissors

rock



paper

Multiplication Tic Tac Toe

Multiply by 2

2×7	2×9	2×3
2×5	2×8	2×6
2×1	2×4	2×2

2×2	2×8	2×7
2×6	2×9	2×5
2×3	2×1	2×4

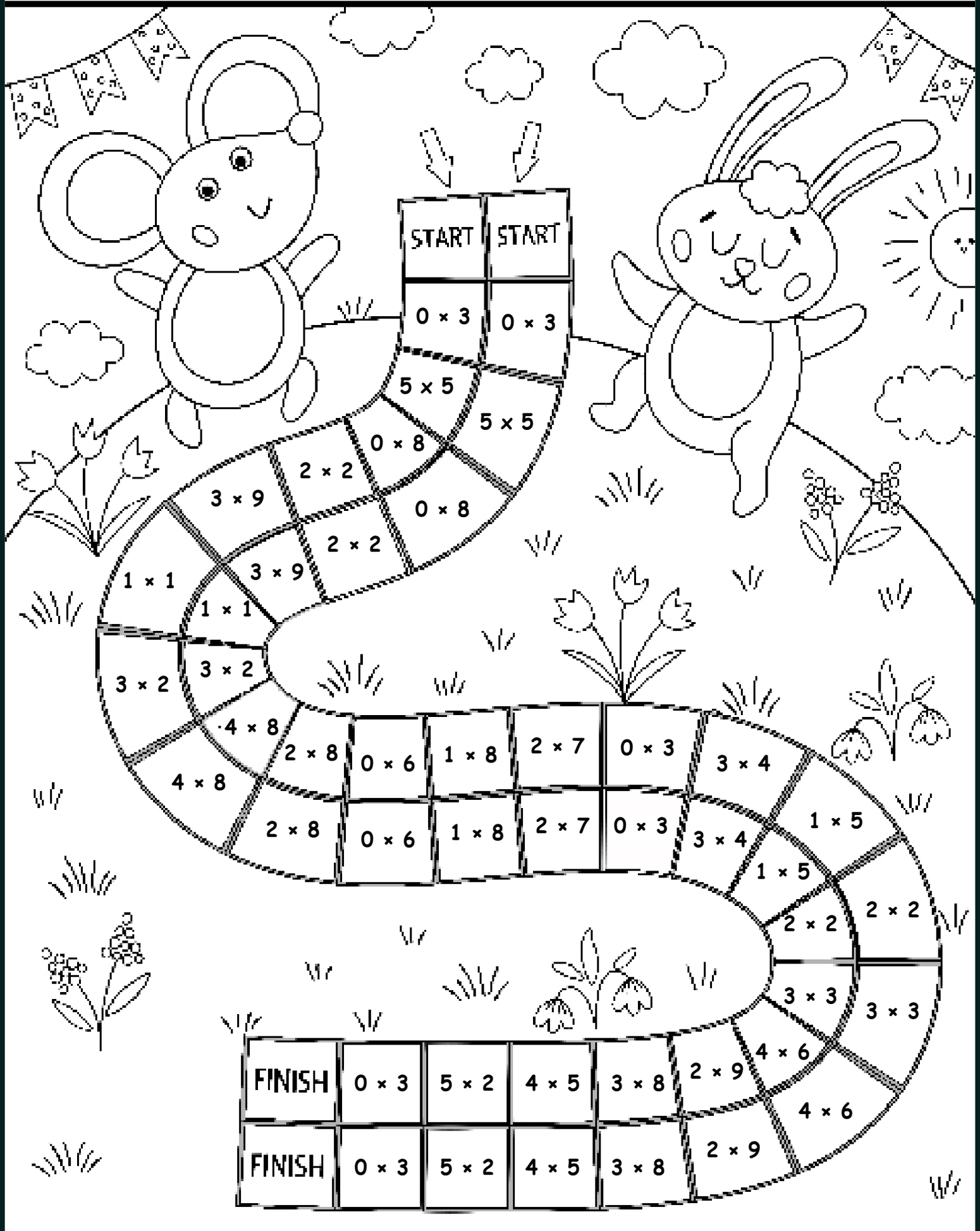
2×3	2×1	2×2
2×4	2×5	2×8
2×6	2×7	2×9

2×1	2×2	2×8
2×3	2×4	2×7
2×9	2×5	2×6

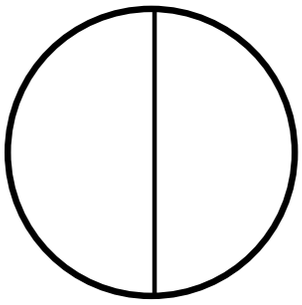
Instructions: Play rock, paper, scissors to see who starts. Then take turns answering a problem on the mat. Whoever gets 3 in a row first wins.

MULTIPLYING BOARD GAME

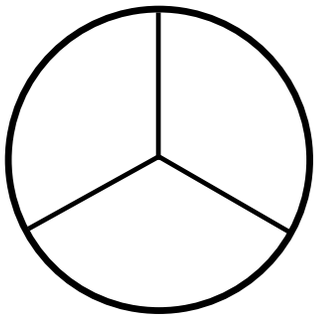
Instructions: Roll the dice. Move and solve the problem. Whoever reaches the end first wins!



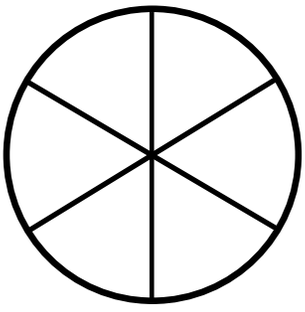
Coloring Fractions



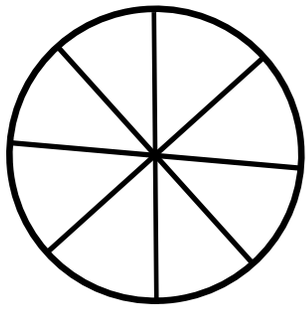
color $\frac{1}{2}$



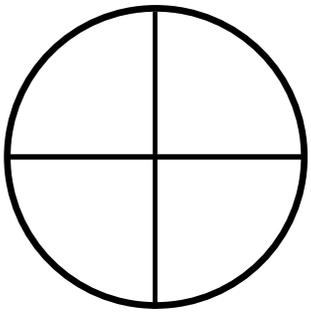
color $\frac{2}{3}$



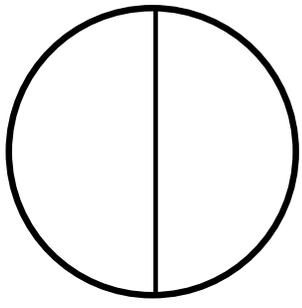
color $\frac{3}{6}$



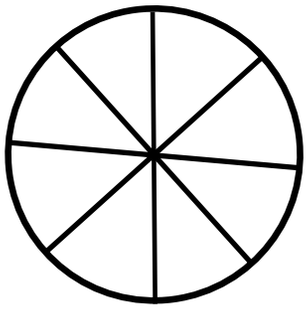
color $\frac{5}{8}$



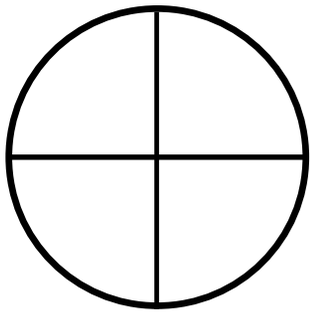
color $\frac{3}{4}$



color $\frac{2}{2}$



color $\frac{3}{8}$

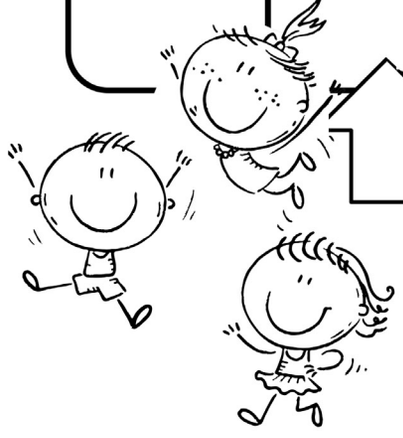


color $\frac{4}{4}$

MATH MAZE

Help the children get to the beach. Make a path by drawing a line through the boxes that have the product of 24.

10 × 5	6 × 4	8 × 3	12 × 2	11 × 4	15 × 3
10 × 2	6 × 4	9 × 1	8 × 3	4 × 6	7 × 5
4 × 6	3 × 8	2 × 6	4 × 8	2 × 10	8 × 3
3 × 8	6 × 9	13 × 9			3 × 8
8 × 3	4 × 6	10 × 5	10 × 7	8 × 2	10 × 6
		10 × 7	8 × 8	6 × 4	1 × 3



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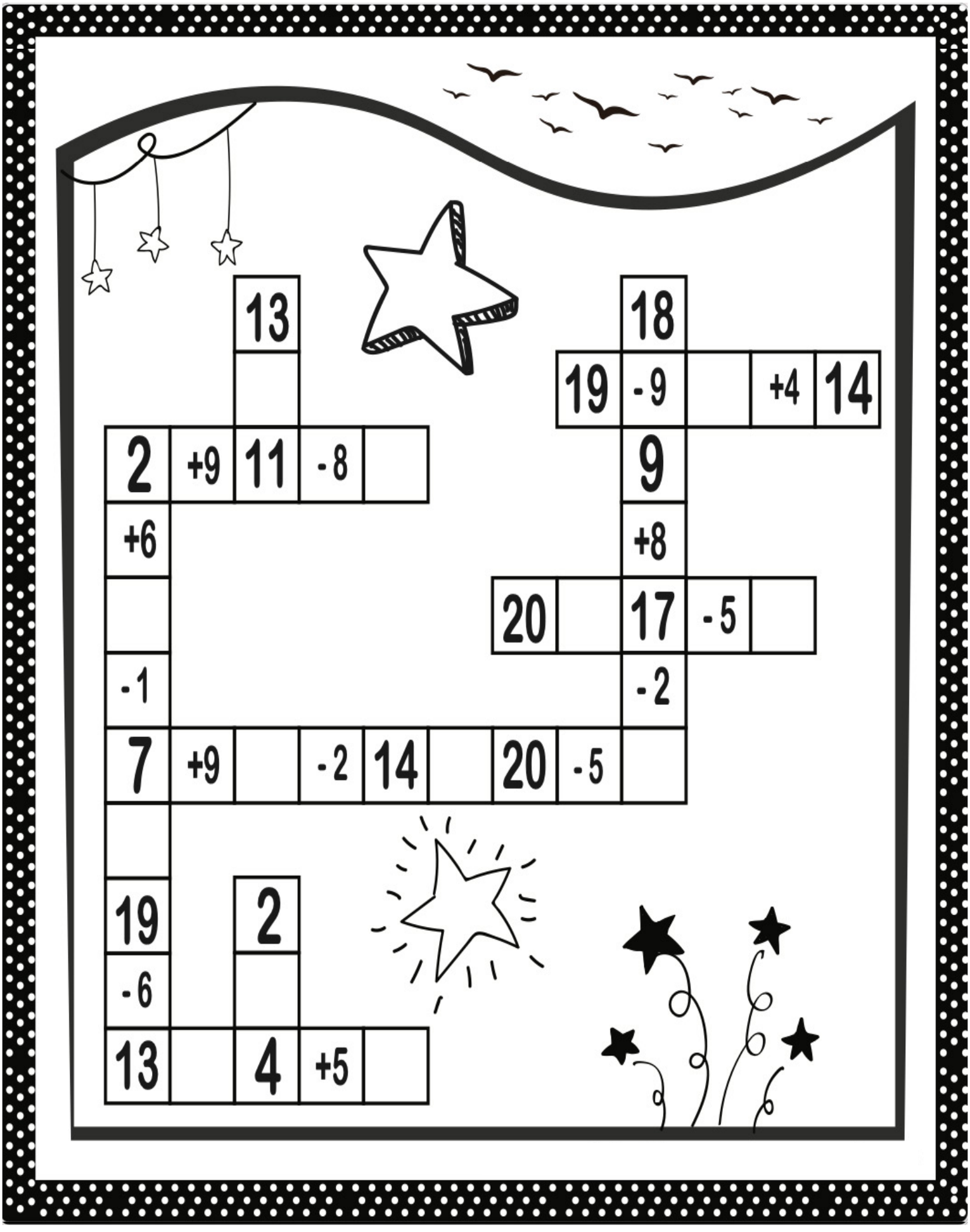
MATH CROSSWORD PUZZLES

Fill in the missing number to make the equation true.



WEEK 2

Multiplication Tic Tac Toe

Multiply by 10

10×10	10×9	10×7
10×5	10×8	10×6
10×3	10×4	10×2

10×10	10×3	10×1
10×2	10×7	10×4
10×5	10×8	10×6

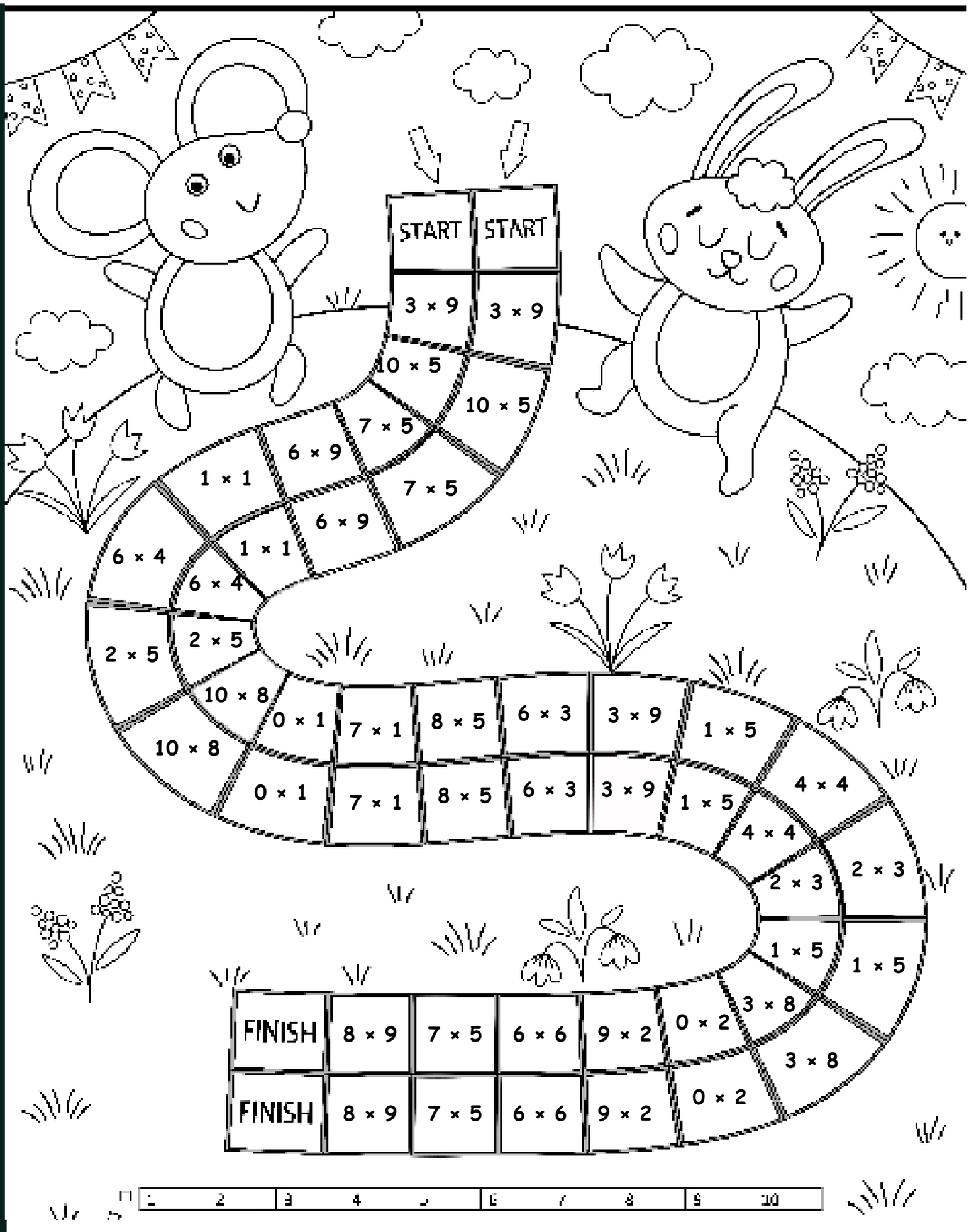
10×1	10×7	10×8
10×3	10×5	10×2
10×4	10×9	10×10

10×8	10×1	10×9
10×4	10×6	10×7
10×2	10×5	10×3

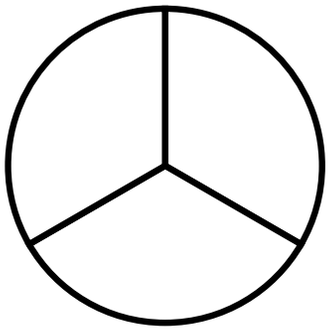
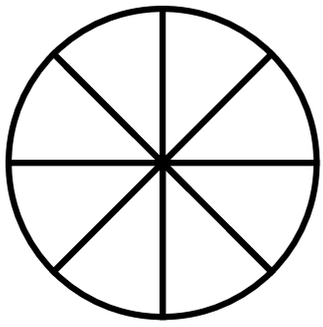
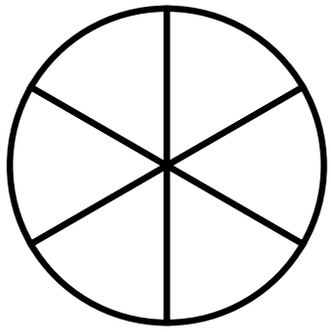
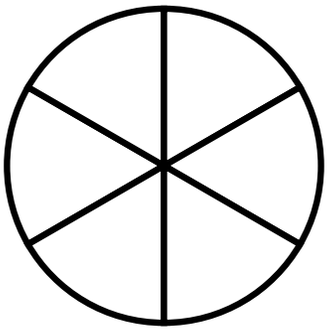
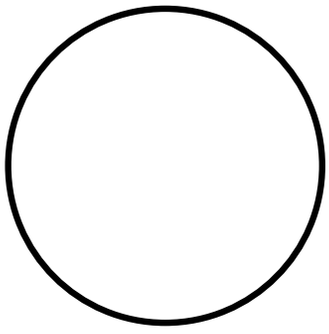
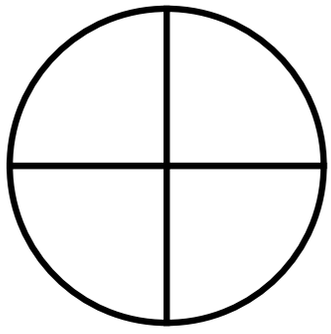
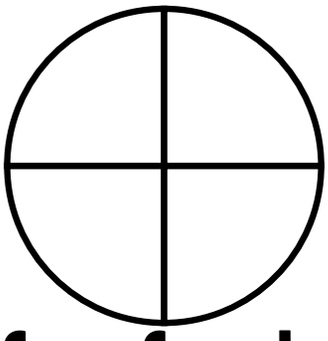
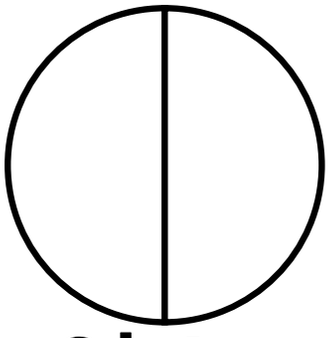
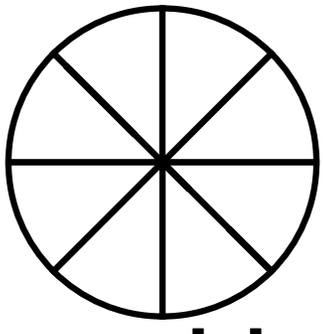
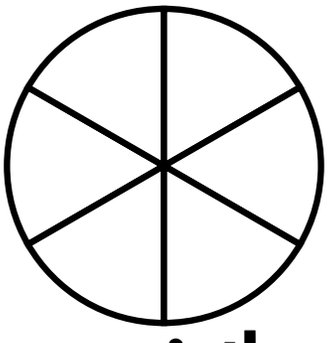
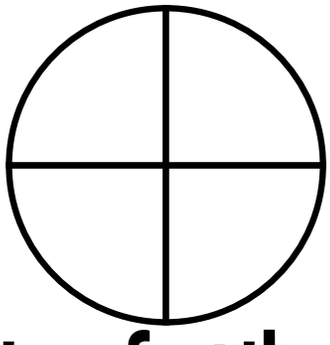
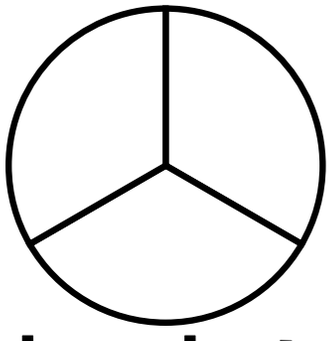
Instructions: Play rock, paper, scissors to see who starts. Then take turns answering a problem on the mat. Whoever gets 3 in a row first wins.

MULTIPLYING BOARD GAME

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

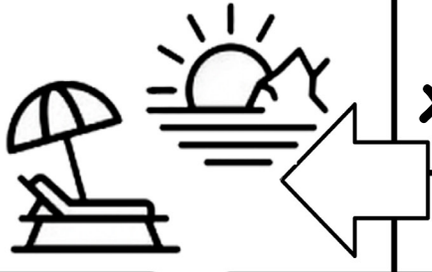


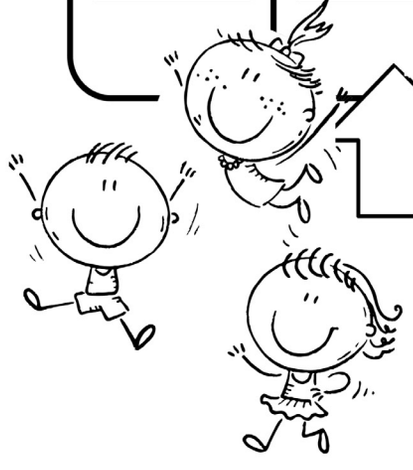
COLOR THE FRACTIONS

 two-thirds	 eight-eighths	 five-sixths
 three-sixths	 1 whole	 one-half
 four-fourths	 2 halves	 six-eighths
 one-sixths	 two-fourths	 three-thirds

MULTIPLICATION MAZE

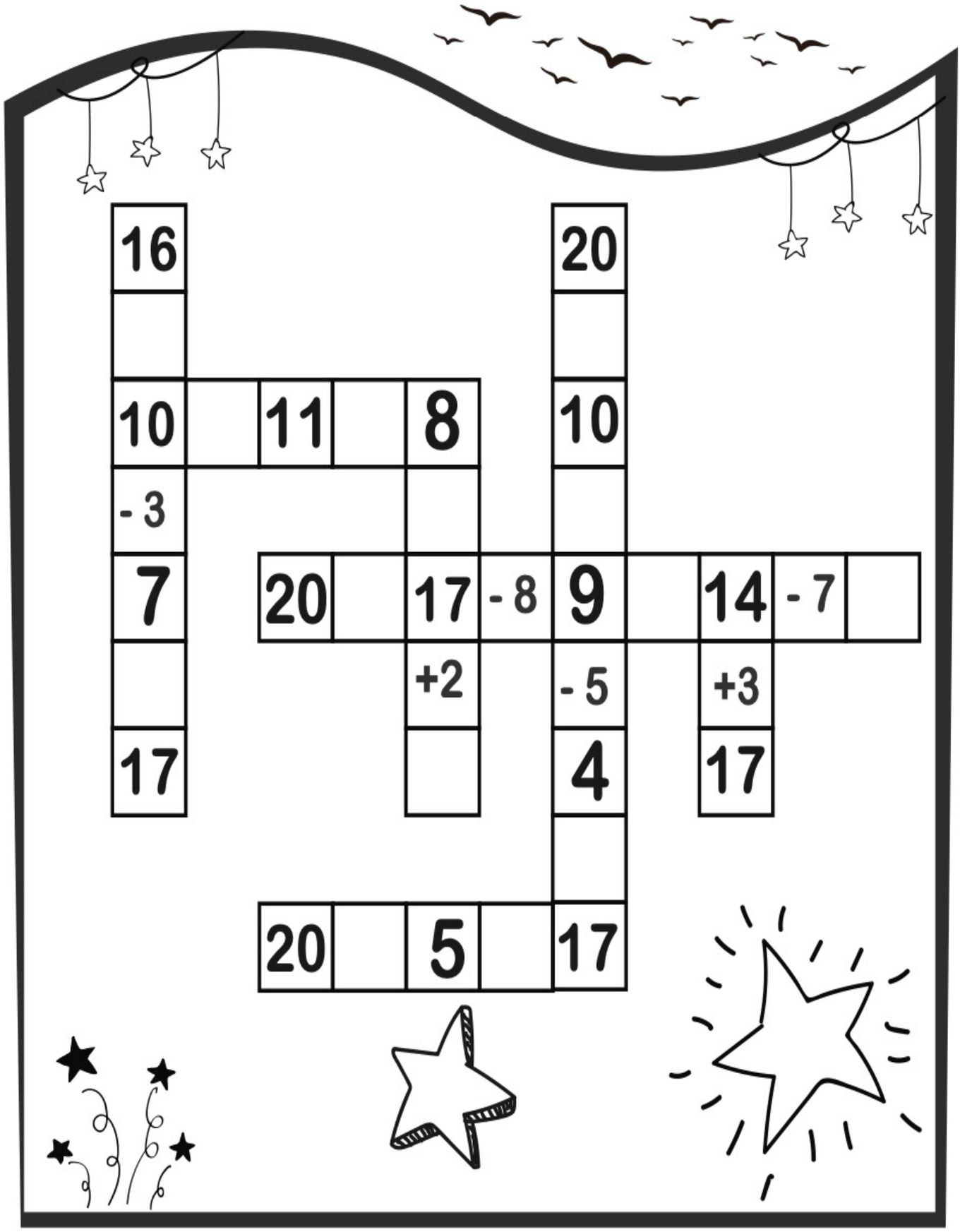
Help the children get to the beach. Make a path by drawing a line through the boxes that have a product of 18.

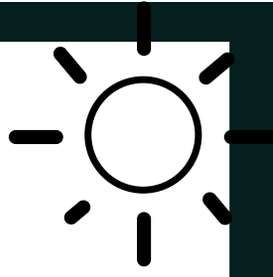
6 × 3	2 × 9	9 × 2	3 × 6	5 × 4	7 × 3
2 × 9	5 × 5	9 × 4	9 × 2	3 × 6	7 × 5
6 × 3	2 × 9	9 × 2	14 × 8	6 × 3	9 × 2
8 × 8	9 × 9	3 × 6			3 × 6
3 × 3	6 × 3	9 × 2	10 × 4	8 × 6	10 × 3
		10 × 6	8 × 7	1 × 8	10 × 5



MATH CROSSWORD PUZZLES

Fill in the missing number to make the equation true.

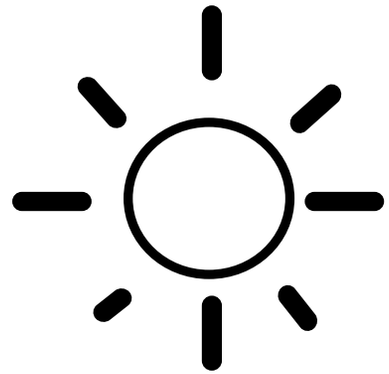




THE END

HOPE YOU HAD A GREAT SUMMER!

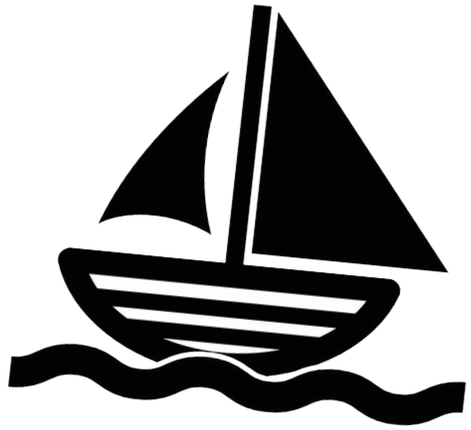
WOOHOO!



You did it!

You have finished the summer packet!

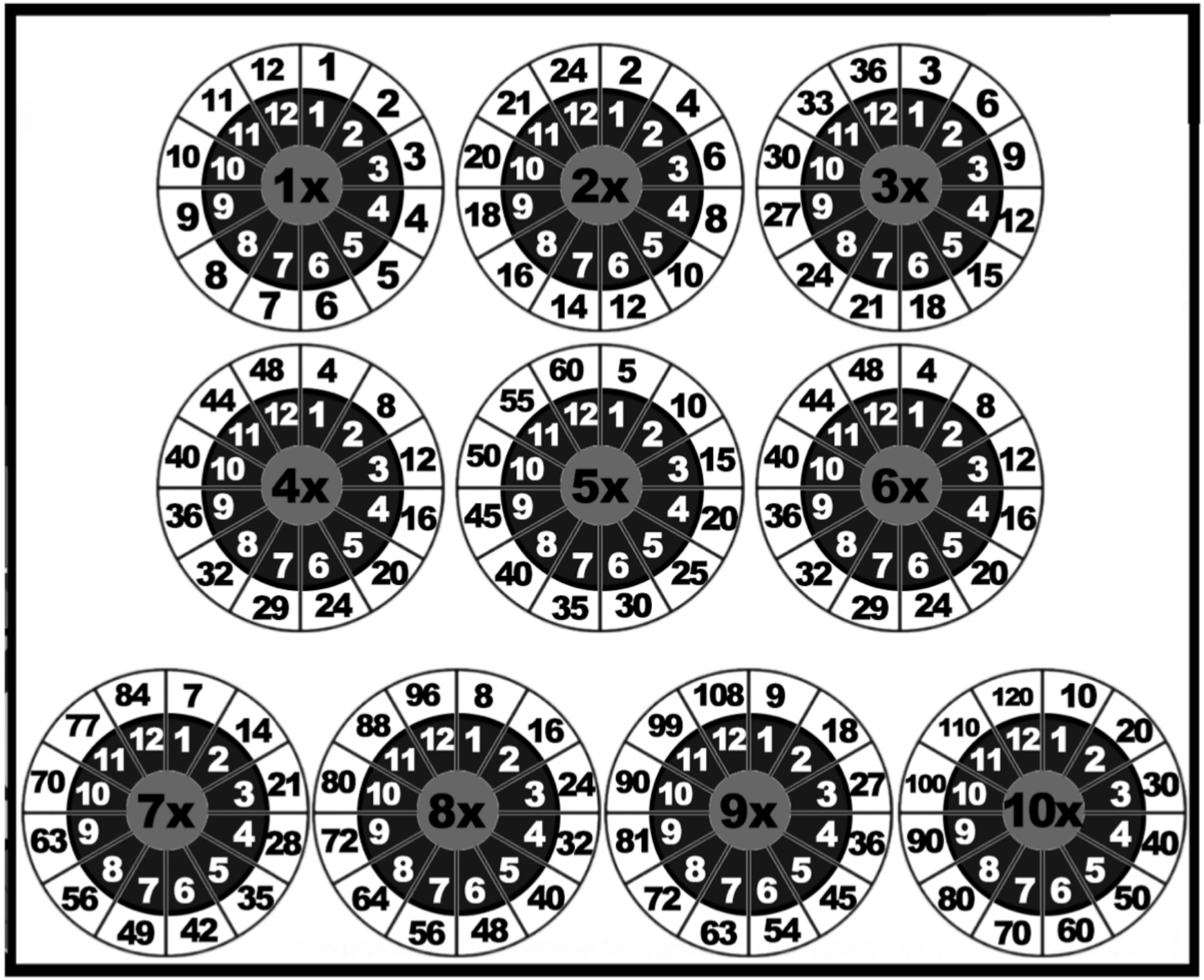
CONGRATULATIONS TO YOU!



ANSWER KEY

WEEK 1 & 2 (Multiplication and Division answers)

MULTIPLICATION CIRCLES TO 10



Multiplication

X	0	1	2	3	4	5	6	7	8	9	10	11	12
0	0	0	0	0	0	0	0	0	0	0	0	0	0
1	0	1	2	3	4	5	6	7	8	9	10	11	12
2	0	2	4	6	8	10	12	14	16	18	20	22	24
3	0	3	6	9	12	15	18	21	24	27	30	33	36
4	0	4	8	12	16	20	24	28	32	36	40	44	48
5	0	5	10	15	20	25	30	35	40	45	50	55	60
6	0	6	12	18	24	30	36	42	48	54	60	66	72
7	0	7	14	21	28	35	42	49	56	63	70	77	84
8	0	8	16	24	32	40	48	56	64	72	80	88	96
9	0	9	18	27	36	45	54	63	72	81	90	99	108
10	0	10	20	30	40	50	60	70	80	90	100	110	108
11	0	11	22	33	44	55	66	77	88	99	110	121	132
12	0	12	24	36	48	60	72	84	96	108	120	132	144

DIVISION TABLES

DIVIDING BY 1

1 ÷ 1 = 1
2 ÷ 1 = 2
3 ÷ 1 = 3
4 ÷ 1 = 4
5 ÷ 1 = 5
6 ÷ 1 = 6
7 ÷ 1 = 7
8 ÷ 1 = 8
9 ÷ 1 = 9
10 ÷ 1 = 10

DIVIDING BY 2

2 ÷ 2 = 1
4 ÷ 2 = 2
6 ÷ 2 = 3
8 ÷ 2 = 4
10 ÷ 2 = 5
12 ÷ 2 = 6
14 ÷ 2 = 7
16 ÷ 2 = 8
18 ÷ 2 = 9
20 ÷ 2 = 10

DIVIDING BY 3

3 ÷ 3 = 1
6 ÷ 3 = 2
9 ÷ 3 = 3
12 ÷ 3 = 4
15 ÷ 3 = 5
18 ÷ 3 = 6
21 ÷ 3 = 7
24 ÷ 3 = 8
27 ÷ 3 = 9
30 ÷ 3 = 10

DIVIDING BY 4

4 ÷ 4 = 1
8 ÷ 4 = 2
12 ÷ 4 = 3
16 ÷ 4 = 4
20 ÷ 4 = 5
24 ÷ 4 = 6
28 ÷ 4 = 7
32 ÷ 4 = 8
36 ÷ 4 = 9
40 ÷ 4 = 10

DIVIDING BY 5

5 ÷ 5 = 1
10 ÷ 5 = 2
15 ÷ 5 = 3
20 ÷ 5 = 4
25 ÷ 5 = 5
30 ÷ 5 = 6
35 ÷ 5 = 7
40 ÷ 5 = 8
45 ÷ 5 = 9
50 ÷ 5 = 10

DIVISION TABLES

DIVIDING BY 6

6 ÷ 6 = 1
12 ÷ 6 = 2
18 ÷ 6 = 3
24 ÷ 6 = 4
30 ÷ 6 = 5
36 ÷ 6 = 6
42 ÷ 6 = 7
48 ÷ 6 = 8
54 ÷ 6 = 9
60 ÷ 6 = 10

DIVIDING BY 7

7 ÷ 7 = 1
14 ÷ 7 = 2
21 ÷ 7 = 3
28 ÷ 7 = 4
35 ÷ 7 = 5
42 ÷ 7 = 6
49 ÷ 7 = 7
56 ÷ 7 = 8
63 ÷ 7 = 9
70 ÷ 7 = 10

DIVIDING BY 8

8 ÷ 8 = 1
16 ÷ 8 = 2
24 ÷ 8 = 3
32 ÷ 8 = 4
40 ÷ 8 = 5
48 ÷ 8 = 6
56 ÷ 8 = 7
64 ÷ 8 = 8
72 ÷ 8 = 9
80 ÷ 8 = 10

DIVIDING BY 9

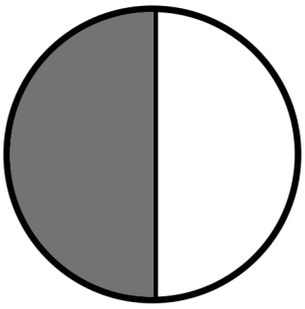
9 ÷ 9 = 1
18 ÷ 9 = 2
27 ÷ 9 = 3
36 ÷ 9 = 4
45 ÷ 9 = 5
54 ÷ 9 = 6
63 ÷ 9 = 7
72 ÷ 9 = 8
81 ÷ 9 = 9
90 ÷ 9 = 10

DIVIDING BY 10

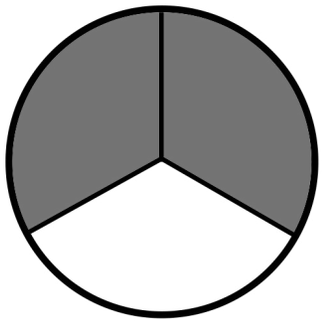
10 ÷ 10 = 1
20 ÷ 10 = 2
30 ÷ 10 = 3
40 ÷ 10 = 4
50 ÷ 10 = 5
60 ÷ 10 = 6
70 ÷ 10 = 7
80 ÷ 10 = 8
90 ÷ 10 = 9
100 ÷ 10 = 10

WEEK 1

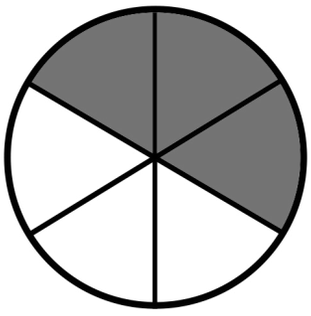
COLORING FRACTIONS



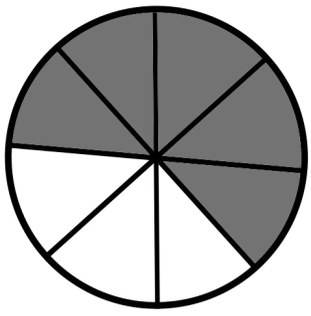
color $\frac{1}{2}$



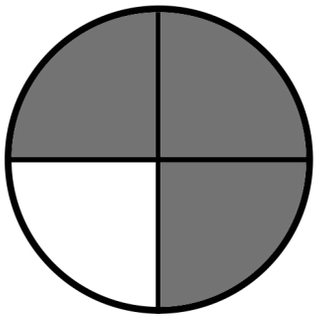
color $\frac{2}{3}$



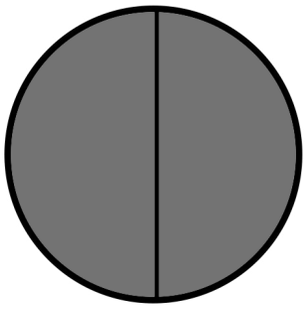
color $\frac{3}{6}$



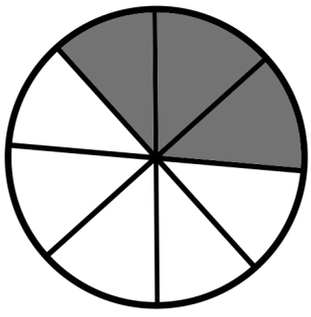
color $\frac{5}{8}$



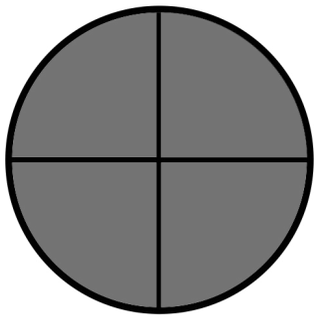
color $\frac{3}{4}$



color $\frac{2}{2}$



color $\frac{3}{8}$



color $\frac{4}{4}$

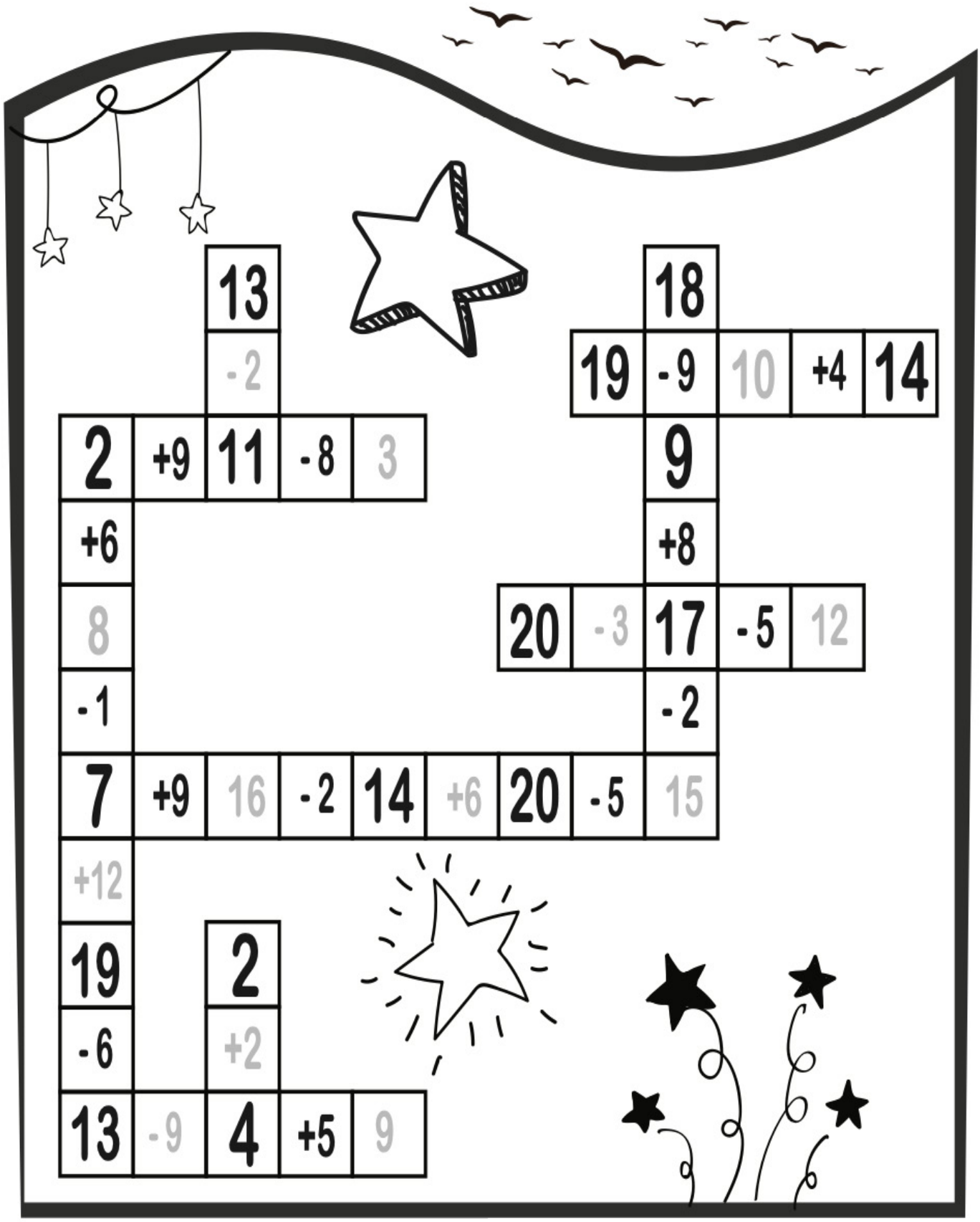
MATH MAZE

Help the children get to the beach. Make a path by drawing a line through the boxes that have a product of 24.

10 × 5 =	6 × 4 = 24	8 × 3 = 24	12 × 2 = 24	11 × 4 =	15 × 3 =
10 × 2 =	6 × 4 = 24	9 × 1 =	8 × 3 = 24	4 × 6 = 24	7 × 5 =
4 × 6 = 24	3 × 8 = 24	2 × 6 =	4 × 8 =	2 × 10 = 24	8 × 3 = 24
3 × 8 = 24	6 × 9 =	13 × 9 =			3 × 8 = 24
8 × 3 = 24	4 × 6 = 24	10 × 5 =	10 × 7 =	8 × 2 =	10 × 6 =
		10 × 7 =	8 × 8 =	6 × 4 =	1 × 3 =

MATH CROSSWORD PUZZLES

Fill in the missing number to make the equation true.



WEEK 2

MULTIPLICATION MAZE

Help the children get to the beach. Make a path by drawing a line through the boxes that have a product of 18.

6 × 3 = 18 →	2 × 9 = 18 →	9 × 2 = 18 →	3 × 6 = 18 ↓	5 × 4 =	7 × 3 =
2 × 9 = 18 ↑	5 × 5 =	9 × 4 =	9 × 2 = 18 →	3 × 6 = 18 ↓	7 × 5 =
6 × 3 = 18 ↑	2 × 9 = 18 ←	9 × 2 = 18 ←	14 × 8 =	6 × 3 = 18 →	9 × 2 = 18 ↓
8 × 8 =	9 × 9 =	3 × 6 = 18 ↑			3 × 6 = 18 ←
3 × 3 =	6 × 3 = 18 →	9 × 2 = 18 ↑	10 × 4 =	8 × 6 =	10 × 3 =
		10 × 6 =	8 × 7 =	1 × 8 =	10 × 5 =

MATH CROSSWORD PUZZLES

Fill in the missing number to make the equation true.