Names: _____

Christmas Tree Sum Game

Skills Overview

- Students will practice finding pairs of numbers that add up to 17.

Example:

Number of Players

- 2 or 3

Material

- Game board
- Crayons (Different color for each player)

How to play

- Each player chooses a different color crayon.
- Players take turns finding and coloring pairs of adjacent squares that have a sum of 17. (For example, player 1 may color two joining shapes that have the numbers 9 and 8. Then player 2 may color joining shapes with the numbers 11 and 6.)
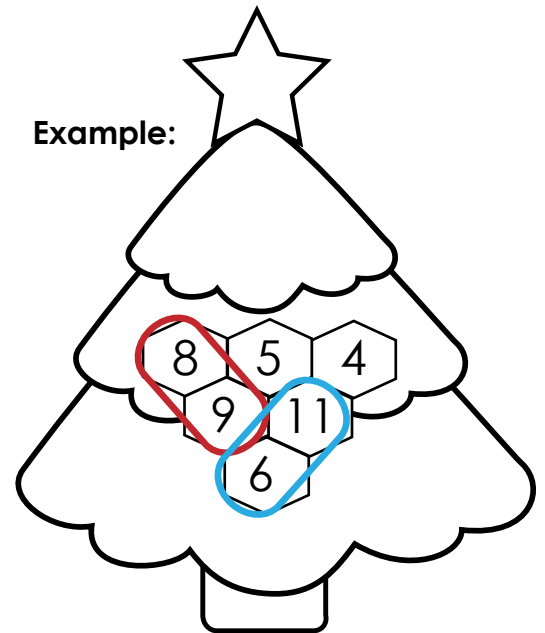
Management suggestions

- You may want to limit the amount of time a player is given to find a pair of numbers. (For example, if a player can't find a matching pair in 20 seconds, they lose their turn.)

Differentiation

- The last page of this file has a blank template so teachers or students can create their own custom version of the game.
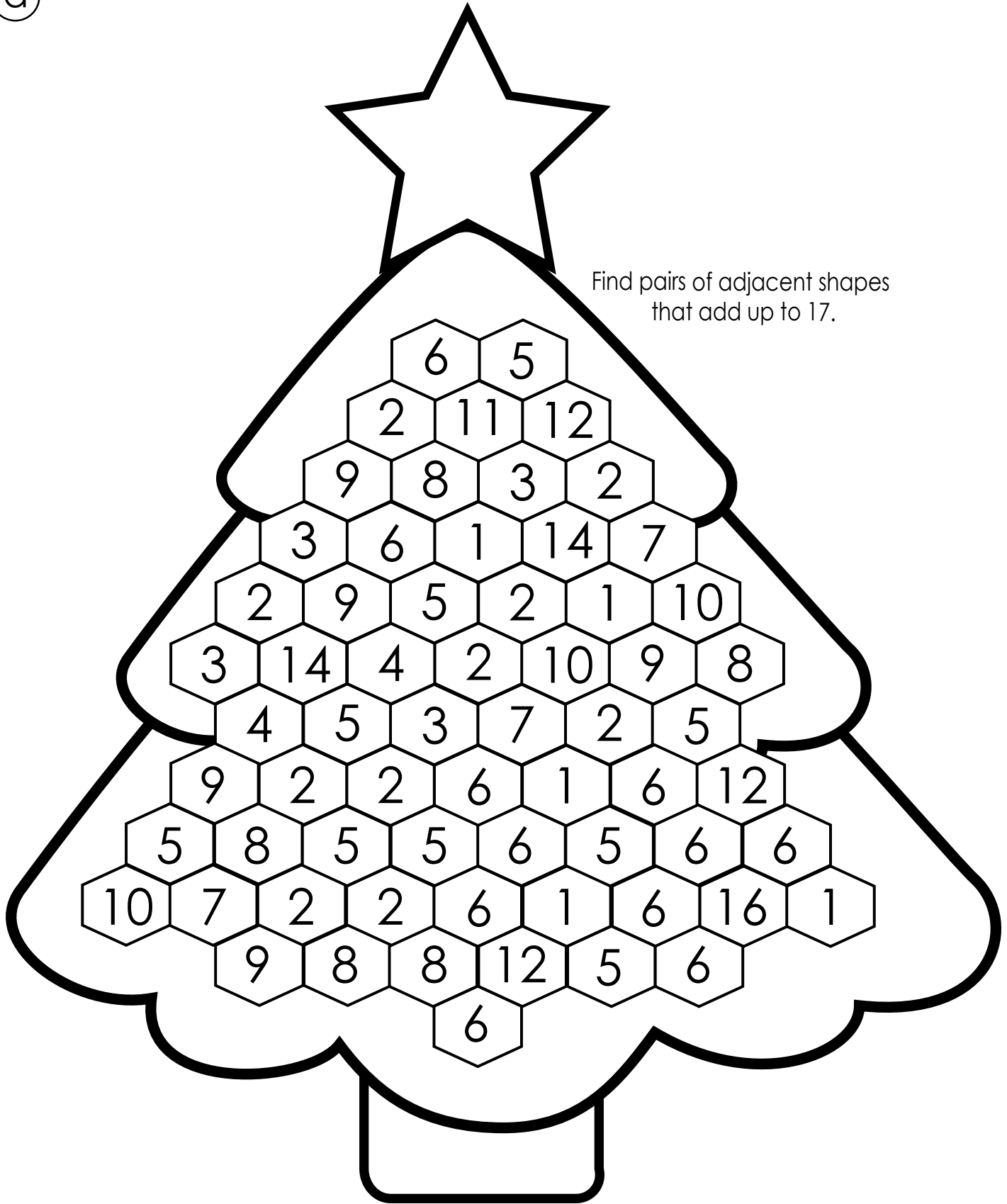
Names: _____

Christmas Tree Sum Game
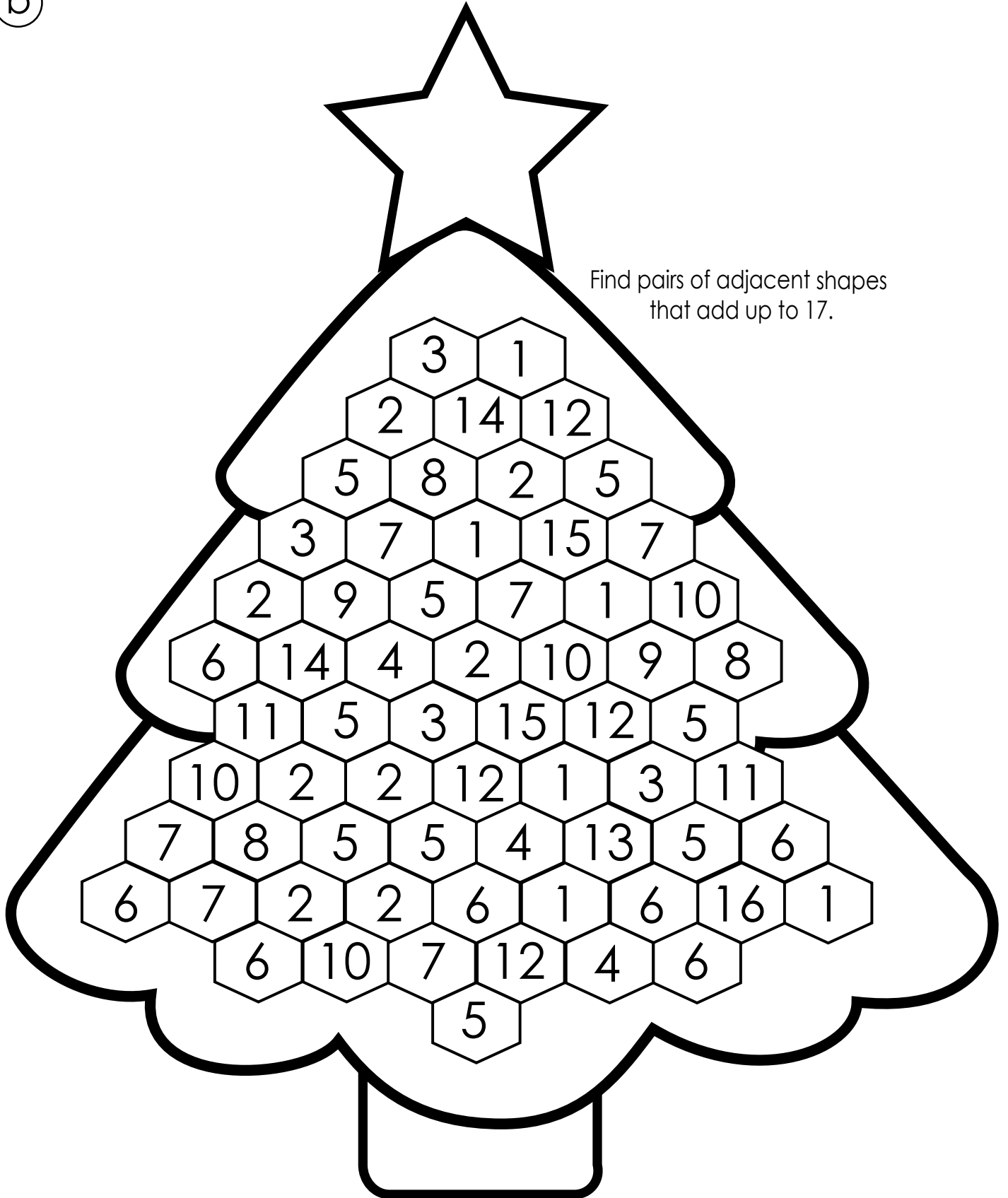
Find pairs of adjacent shapes
that add up to 17.

6 5
2 11 12
9 8 3 2
3 6 1 14 7
2 9 5 2 1 10
3 14 4 2 10 9 8
4 5 3 7 2 5
9 2 2 6 1 6 12
5 8 5 5 6 5 6 6
10 7 2 2 6 1 6 16 1
9 8 8 12 5 6
6

Christmas Tree Sum Game

b

Find pairs of adjacent shapes
that add up to 17.

3 1
2 14 12
5 8 2 5
3 7 1 15 7
2 9 5 7 1 10
6 14 4 2 10 9 8
11 5 3 15 12 5
10 2 2 12 1 3 11
7 8 5 5 4 13 5 6
6 7 2 2 6 1 6 16 1
6 10 7 12 4 6
5

Christmas Tree Sum Game

C

Find pairs of adjacent shapes
that add up to 17.

3 4
2 13 12
5 8 2 2
3 12 1 10 7
3 9 5 4 1 9
6 14 4 7 10 2 8
11 6 3 13 10 7
10 3 1 12 4 3 16
7 8 7 5 4 11 5 1
6 9 2 6 5 1 6 14 2
7 10 15 12 4 3
2

Christmas Tree Sum Game

d

Find pairs of adjacent shapes
that add up to 17.

11 1
2 16 12
2 6 9 2
3 5 1 8 10
3 9 12 4 1 9
1 15 2 4 10 2 8
11 6 13 11 9 8
15 3 1 8 1 3 12
7 2 7 9 12 11 5 3
6 9 2 7 5 1 6 14 6
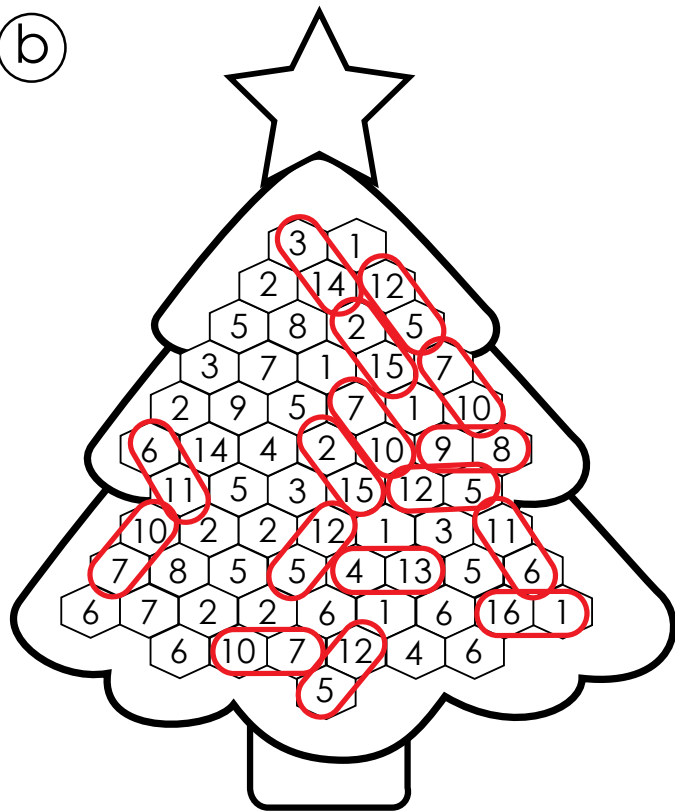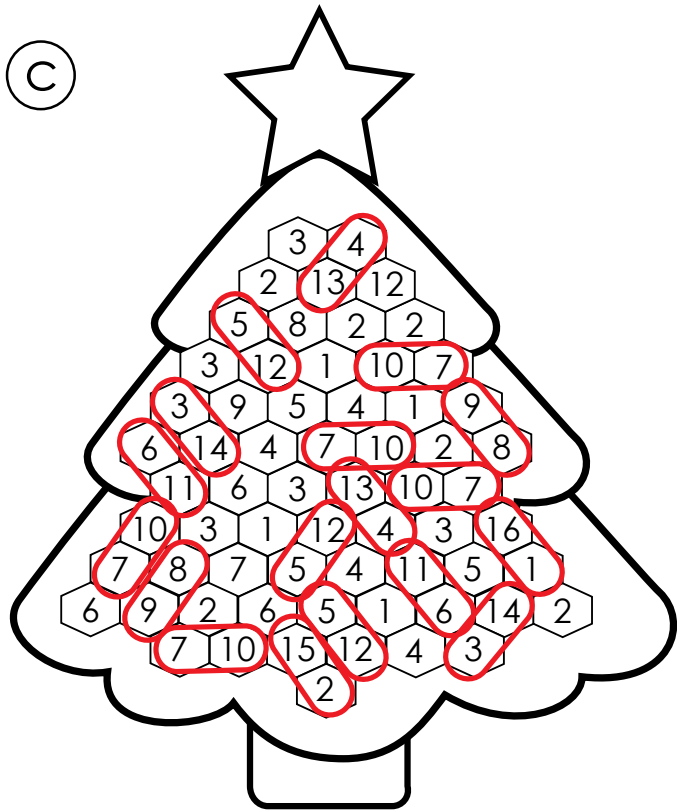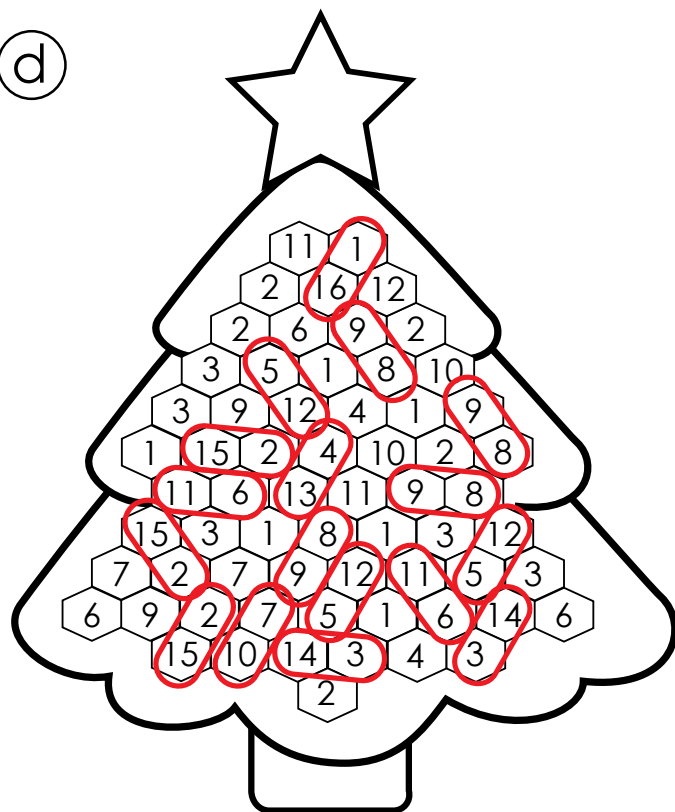15 10 14 3 4 3
2
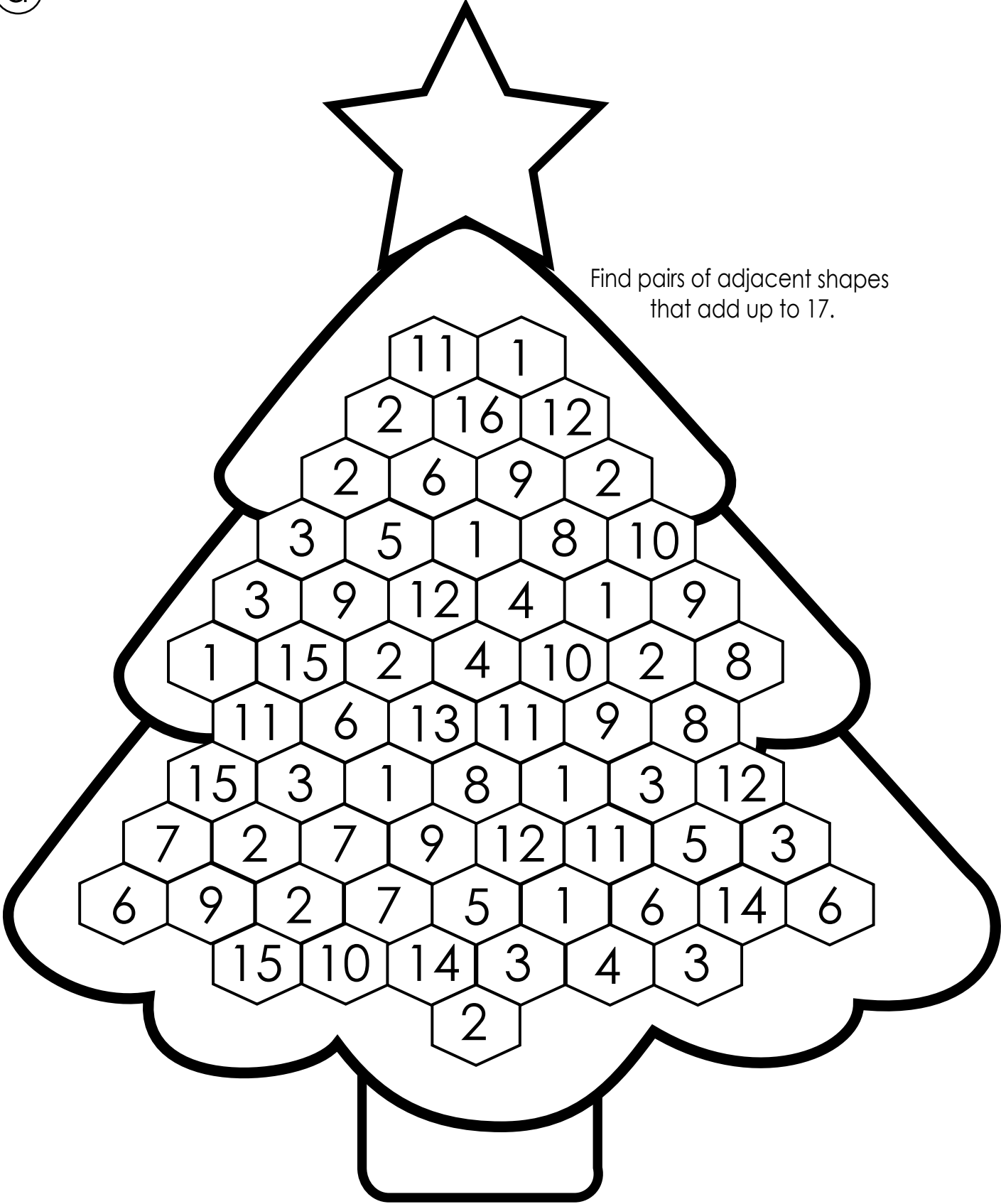
Names: _____

ANSWER KEY

Christmas Tree Sum Game

Names: _____

Christmas Tree Sum Game