

Five-in-a-Row

Materials: Gameboard, counters (about 20)
two number cubes (or, number
cards 1–6)

Players: 2

Object: Cover five squares in a row horizontally,
vertically, or diagonally.

How to Play

1. Roll the number cubes (or turn up two Number Cards).
2. Find the sum of the rolls. Look on the board for a square that matches the sum. Place a counter on that square.
3. Continue in this way until you have covered five squares in a row. If no move can be made (the sum is covered), roll again.

Variations

- a. You and your partner have your own boards. The game is over when both of you have five in a row.
- b. Roll three number cubes on each turn. Make sums with any two of the numbers rolled. For example: You roll 3, 1, and 5. You could cover 4 (3 and 1), 6 (5 and 1), or 8 (5 and 3). If you and your partner have your own boards, you could make different sums to cover.

Note to Families

Use counters, such as buttons, pennies, or beans, that fit on the squares of the Five-in-a-Row Boards.

Name _____

Date _____

Student Sheet 18

Five-in-a-Row Board A

2	3	4	5	6
6	7	7	8	9
10	11	12	11	10
9	8	7	7	6
6	5	4	3	2

Name _____

Date _____

Student Sheet 19

Five-in-a-Row Board B

12	11	10	9	8
7	7	6	5	4
3	2	2	3	4
5	6	6	7	7
8	9	10	11	12

Name _____

Date _____

Student Sheet 20

Five-in-a-Row Board C

2	2	3	3	4
4	5	5	6	6
6	7	7	7	7
8	8	9	9	10
10	11	11	12	12

Name: _____

How to Play Math Mountain Story Problem Match

1. Cut out each set of math mountain cards. (Teachers could copy and laminate for future play)
2. Read the story problem.
3. Place the math mountain on the correct story problem.
4. Use the math mountain to solve.
5. Record the answer with label, the math mountain and write the equation next to the word problem.

Note: Sets are organized in A, B, C. The game is easier to do this way, but if you want to increase the complexity, combine the math mountain sets.

A blank form allows you to make up story problems using the same form.

These story problems can also be used for other games and purposes.

Name: _____

Math Mountain Story Problem Match Game (Set A1)

Story Problem	Math Mountain and Equation
<p>1 boy is playing. 2 boys are eating. How many boys are there in all?</p>	
<p>2 girls are reading 2 girls are talking. How many girls in all?</p>	
<p>4 balloons are in the air. 1 pops. How many balloons are left?</p>	
<p>5 children are running. 4 stop running. How many are still running?</p>	

Name: _____

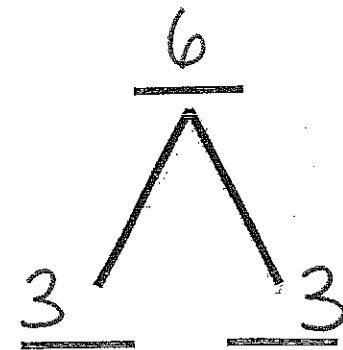
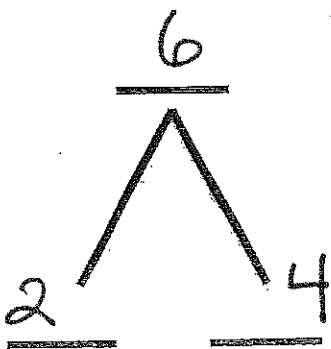
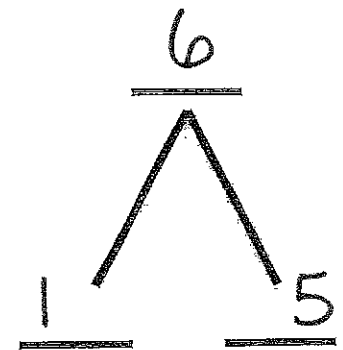
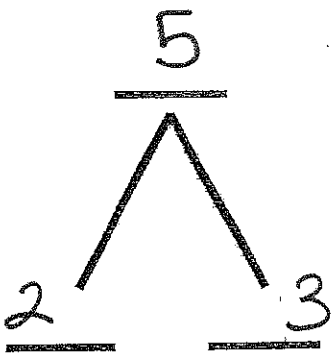
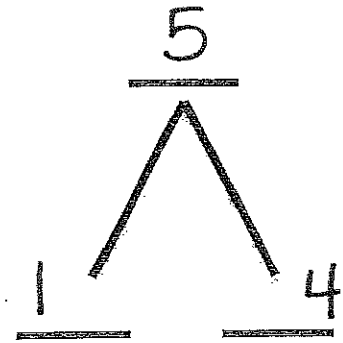
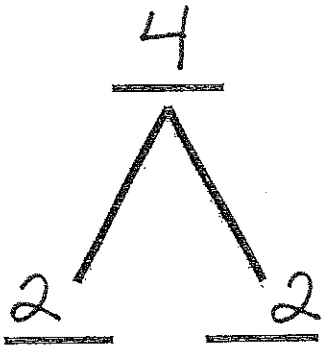
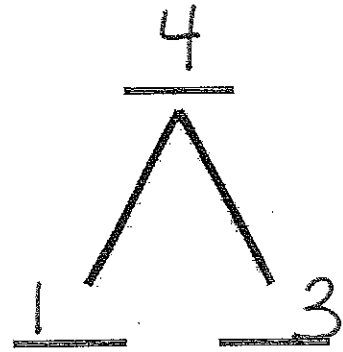
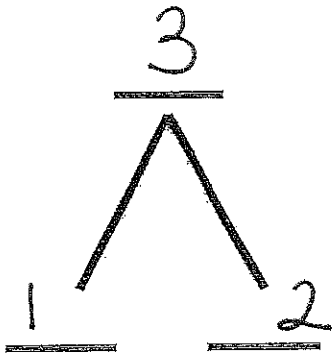
Math Mountain Story Problem Match Game - (Set A2)

Story Problem	Math Mountain and Equation
<p>5 fish are in the pond. 3 are blue. The rest are yellow. How many yellow fish are there?</p>	
<p>6 frogs are swimming in the pond. 1 hops away. How many are left?</p>	
<p>6 birds are in the tree. 3 fly away. How many stay on the tree?</p>	
<p>6 cats are in the house. 2 are sleeping on the bed. The rest are sleeping on the floor. How many are sleeping on the floor?</p>	

Name: _____

Set A Cards (numbers 3, 4, 5, 6)

Math Mountain Match



Name: _____

Math Mountain Story Problem Match Game (Set B1)

Story Problem	Math Mountain and Equation
<p>4 chairs are green. 4 chairs are blue. How many chairs are there altogether?</p>	
<p>10 dogs are at the park. 5 dogs run after a cat. How many do not run after a cat?</p>	
<p>8 children were in the room. 2 went outside. How many were still in the room?</p>	
<p>8 children were at a party. 3 were roller skating. How many were not roller skating?</p>	

Name: _____

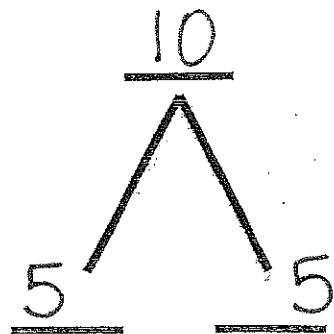
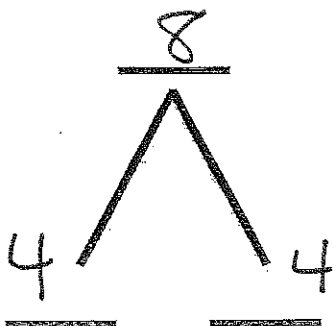
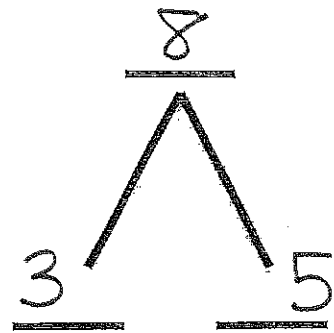
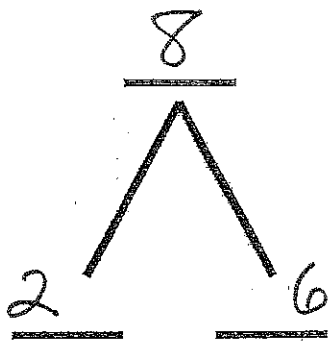
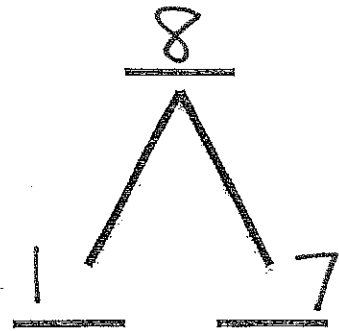
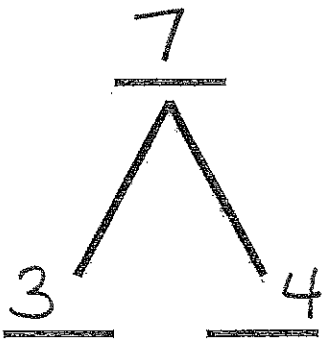
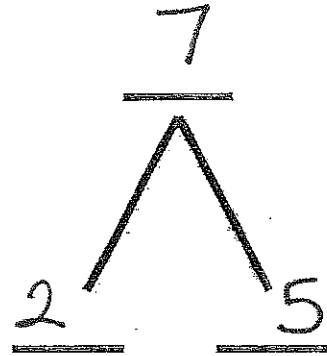
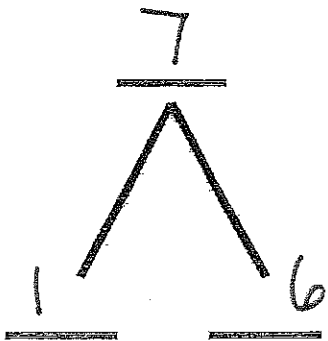
Math Mountain Story Problem Match Game (Set B2)

Story Problem	Math Mountain and Equation
<p>1 cat was sleeping. 7 cats were playing. How many in all?</p>	
<p>7 boys are playing a game. 3 are on one team. The rest are on the other team. How many are on the other team?</p>	
<p>7 sandwiches are on the table. 2 are ham. The rest are cheese. How many cheese sandwiches are there?</p>	
<p>7 birds are singing. 1 stops. The rest keep singing. How many keep singing?</p>	

Name: _____

Set B Cards (numbers 7, 8 and 5+5)

Math Mountain Match



Name: _____

Math Mountain Story Problem Match Game (Set C1)

Story Problem	Math Mountain and Equation
<p>I had 9 chips. I ate 8 chips. How many are left?</p>	
<p>9 fish are at the pet shop. I take home 4 fish. How many fish are left at the shop?</p>	
<p>2 dogs and 7 cats are in the yard. How many animals are there in all?</p>	
<p>6 boys are in the room. 3 more come in. How many boys are in the room now?</p>	

Name: _____

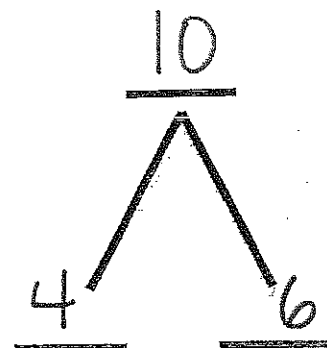
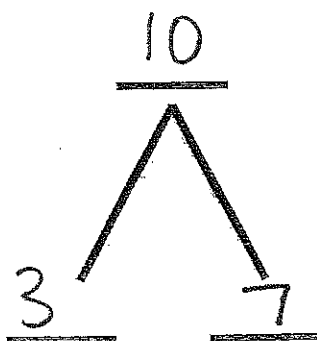
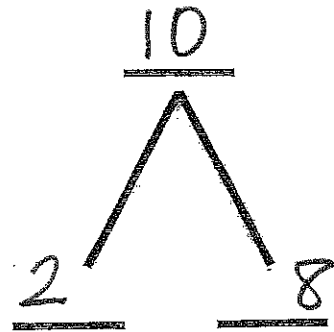
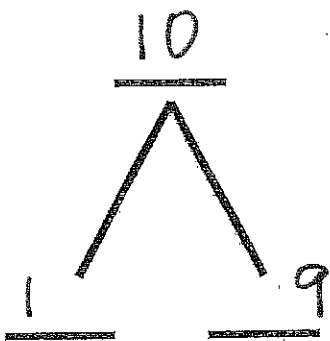
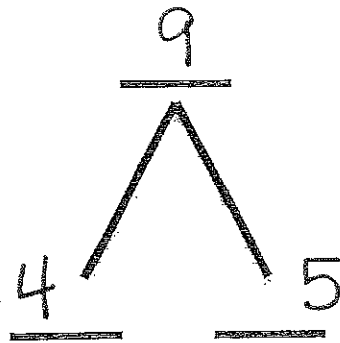
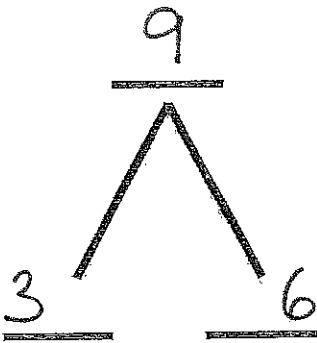
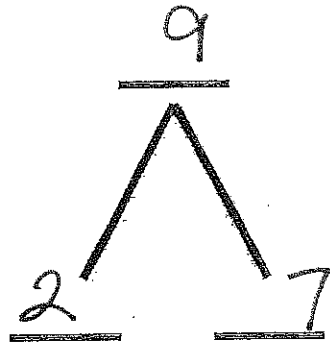
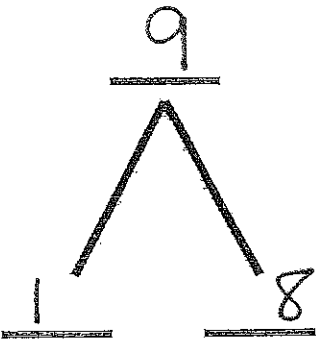
Math Mountain Story Problem Match Game (Set C2)

Story Problem	Math Mountain and Equation
<p>My mom gives me 9 rings. Then she gives me 1 more ring. How many rings did she give me?</p>	
<p>10 children are at Music. 3 are playing drums. The others are singing. How many are singing?</p>	
<p>My brothers ate 8 apples. I ate 2 apples. How many apples did we eat in all?</p>	
<p>10 children are on the bed. 4 jump off the bed. How many are still on the bed?</p>	

Name: _____

Set C Cards (numbers 9 and 10)

Math Mountain Match



Name: _____

Math Mountain Story Problem Match Game (Blank)

Story Problem	Math Mountain and Equation

Name: _____

Story Problem Boxes (Blank)

Name: _____

My Story Problem²

I have _____s.

My friend has the rest.

In all we have _____s.

How many does my friend have? _____s

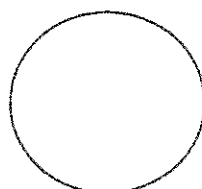
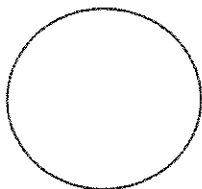
Part

Part

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Total:

Equation:



² Missing partner, addition.

Name: _____

My Story Problem⁴

I have _____s.

My friend takes some.

Now I only have _____s.

How many did my friend take? _____s

Part

Part

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Total:

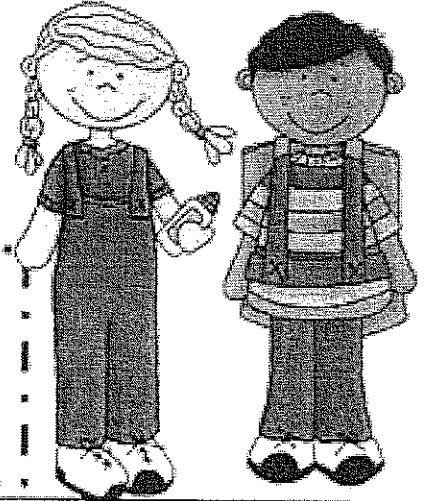
Equation:

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⁴ Missing Partner, subtraction

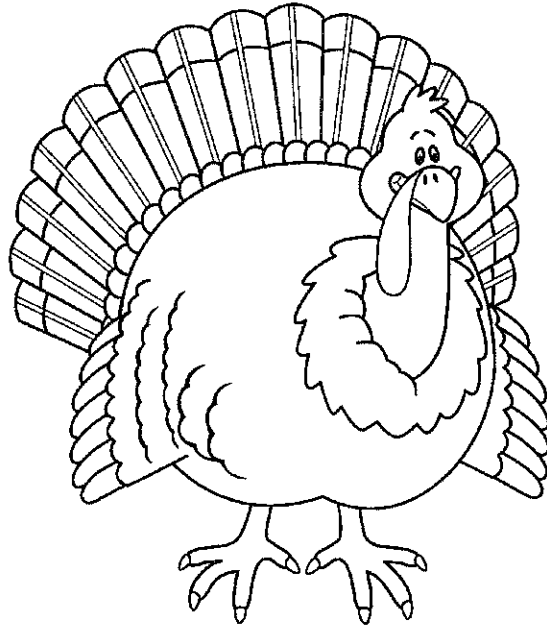
school time

Doubles



Directions: Roll the die. Double the number you rolled.
Look for that number on your board. Cover it with a chip. The first person to get five in a row is the winner.

2	4	10	6	10
10	6	2	12	6
12	4	2	4	10
4	12	12	2	10
12	12	6	8	4



Turkeys in the Coop

Objective: To find an unknown partner when one partner and the total are known.

Players: 2

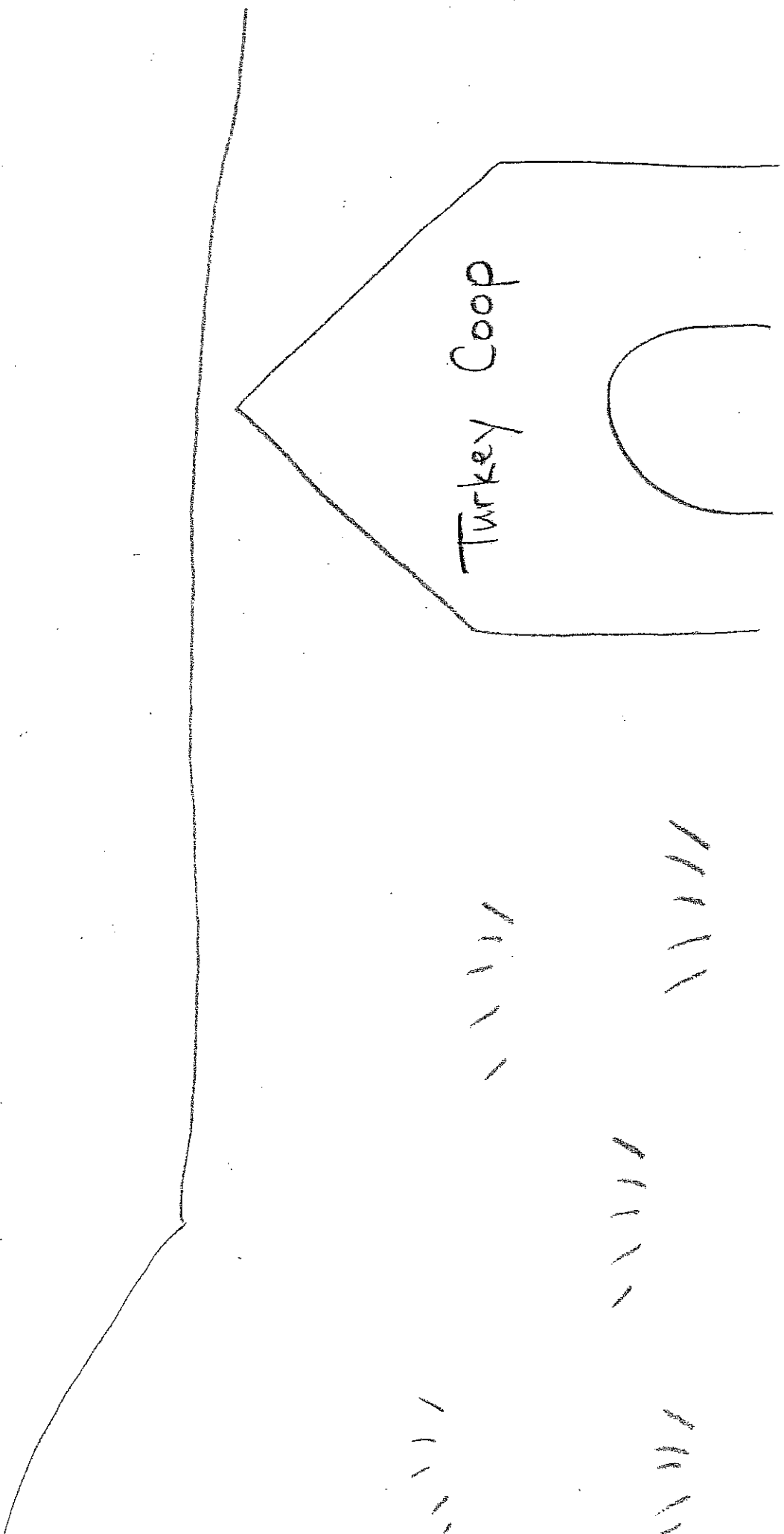
Materials: turkey coop mat
8-14 counters
recording sheet
pencil

Directions:

Choose total to work with between 8 and 14. Get that number of counters. First player closes their eyes. Second player puts some of the turkeys in the coop and hides the rest of the turkeys in their hand. First player opens their eyes and figures out how many turkeys are unknown (hiding in second player's hand). Second player checks their work and records the numbers on the worksheet. It's okay if students repeat partners on subsequent turns because it will reinforce the learning of the partners.

Total? _____

Tell Thanksgiving
Turkey Stories!



How many turkeys are
in the coop?