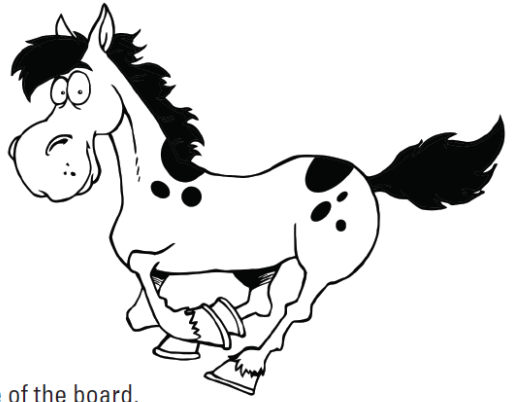


# Domino Derby



**Building Fluency:** adding within 20

**Materials:** gameboard, set of dominoes, paper, pencil

**Number of Players:** 2

**Directions:**

1. Place dominoes face down on the table.
2. Players take turns drawing a domino.
3. Add the sum of the dots on the domino.
4. If it matches the player's side of the game board, the player places it on their side of the board.  
If the sum equals six, the player loses their turn.
5. The first player to fill their side of the gameboard wins.

**Variation/Extension:** Each player should write a number sentence to explain why the domino does or does not fit (eg.  $2 + 3 = 5$ ;  $5 < 6$ )

## PLAYER 1: Less than six

## PLAYER 2: More than six

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# Going Fishing

**Building Fluency:** adding within 20

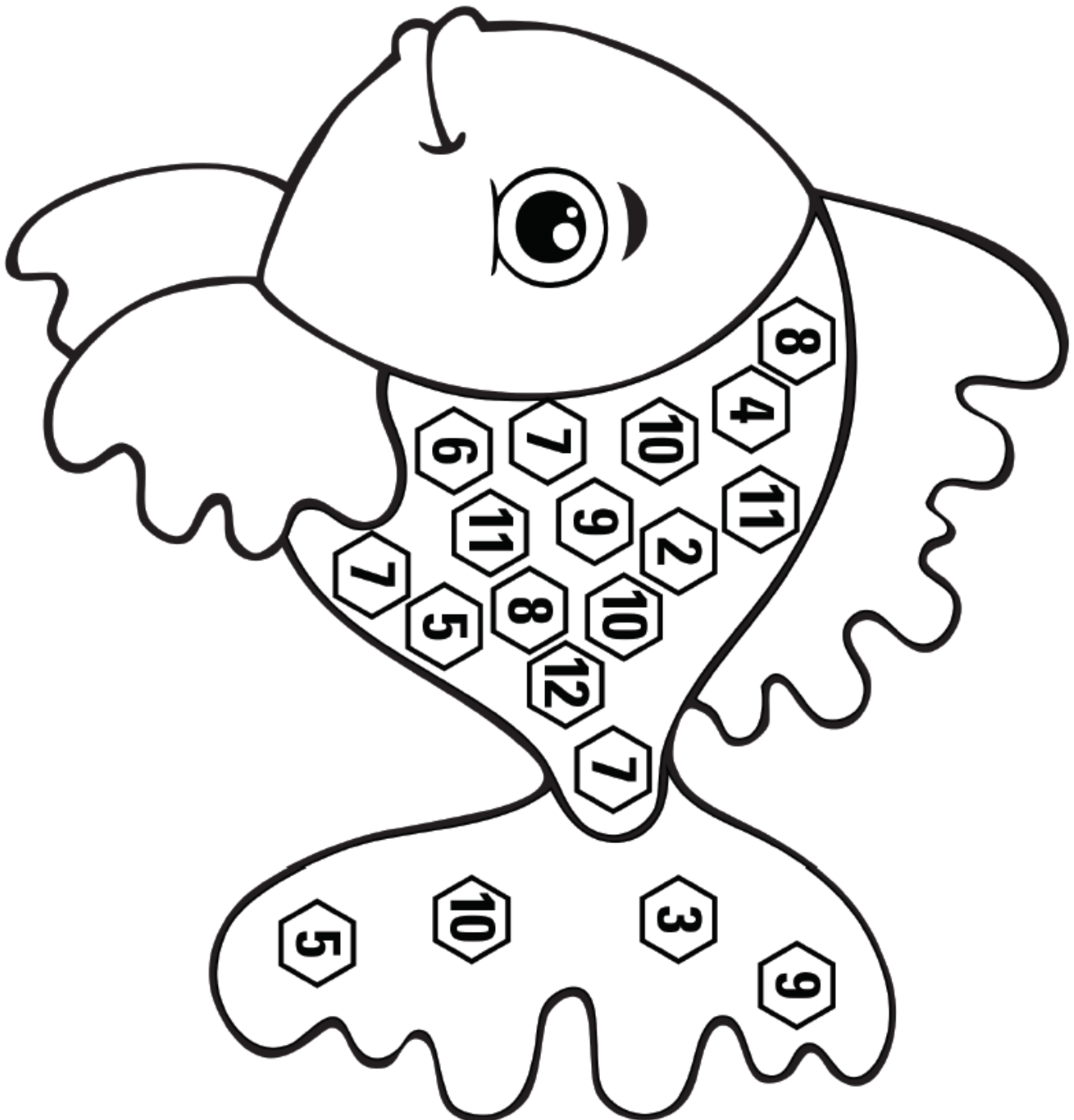
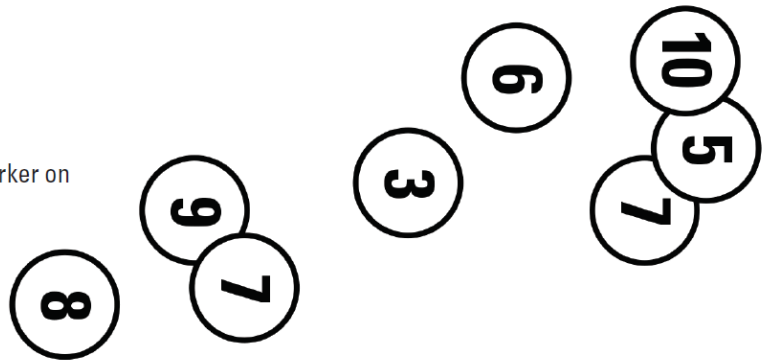
**Materials:** gameboard, pair of dice, 8 markers for each player

**Number of Players:** 2-3

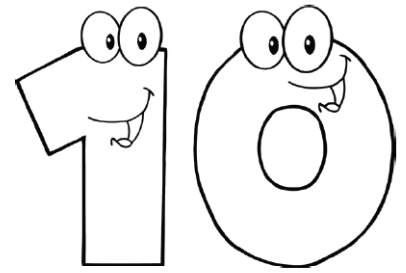
**Directions:**

1. Players take turn rolling the dice.
2. Roll the dice and add the numbers. Place a colored marker on the sum. If there are no places available for that sum, the player loses their turn.
3. The winner will be the first player to get eight markers on the board.

**Variation/Extension:** Use playing cards and remove all face cards. Aces equal 1. Use number cards 1-10.



# Take Ten



**Building Fluency:** adding within 20

**Materials:** game board and four sets of 0-10 number cards

**Number of Players:** 2

**Directions:**

1. Shuffle the number cards and place them face up on the gameboard below (four rows and three columns).
2. Player 1 looks for all the combinations of two cards that add up to 10. Remove those cards from the board.
3. Player 1 may continue as long as there are cards that add up to 10 on the board.
4. At the end of Player 1's turn, fill the empty spaces on the game board with cards from the deck.
5. Player 2 begins their turn.
6. The winner is the player with the most cards.

**Variation/Extension:** Instead of looking for sums of 10, students can look for various sums (eg. sums of 15, sums greater than 15)


**0**

**1**

**2**

**3**

**4**

**5**

**6**

**7**

**8**

**9**

**10**

**0**

**1**

**2**

**3**

**4**

**5**

**6**

**7**

**8**

**9**

**10**

**0**

**1**

**2**

**3**

**4**

**5**

**6**

**7**

**8**

**9**

**10**

**0**

**1**

**2**

**3**

**4**

**5**

**6**

**7**

**8**

**9**

**10**

# Easy as Pie

**Building Fluency:** adding and subtracting within 20 and 100

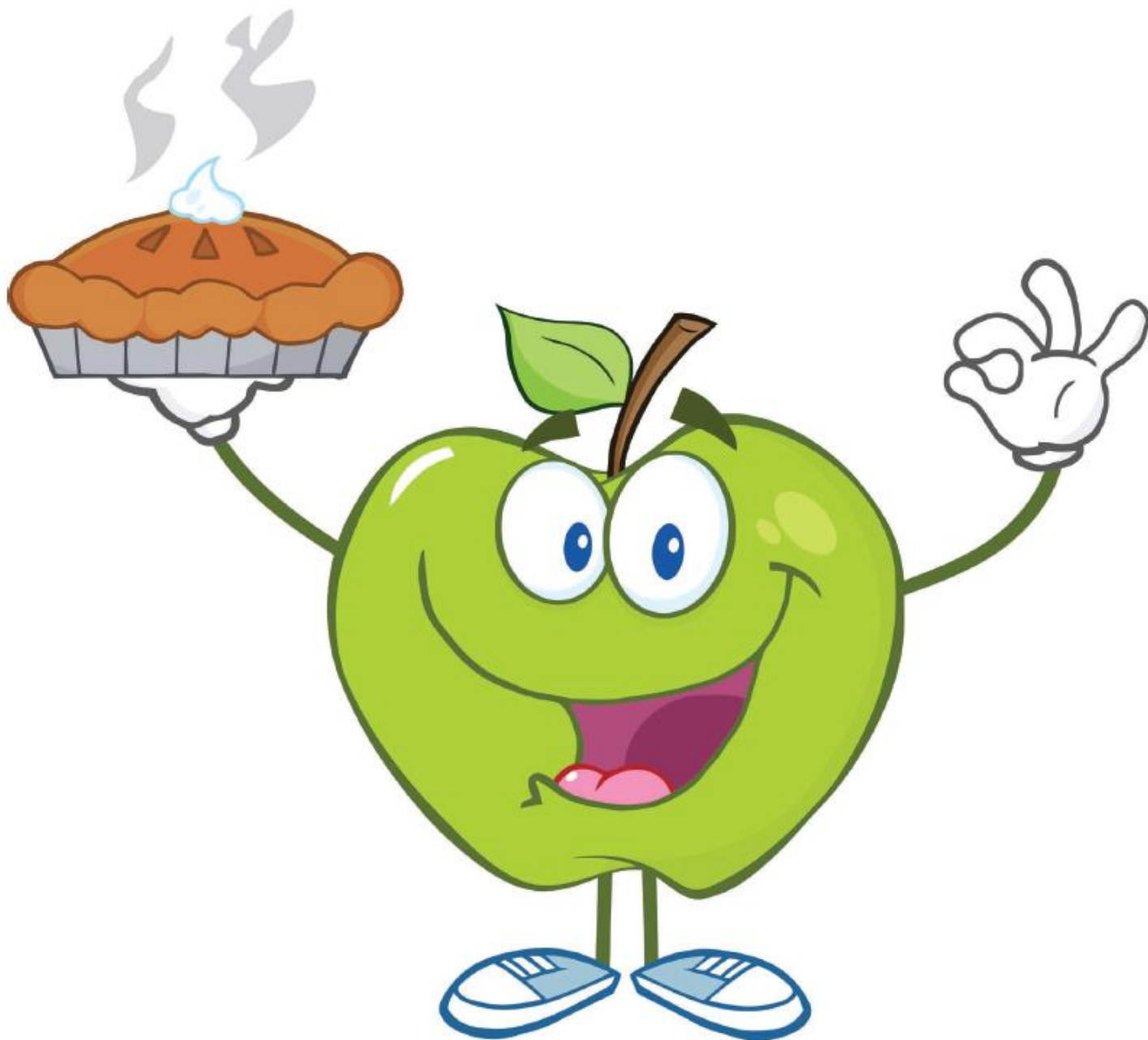
**Materials:** gameboard, ten game markers for each player, paper

**Number of Players:** 2-4

**Directions:**

1. Identify the "Target Sum."
2. The first player places one of their markers on any number on the gameboard and says the number aloud.
3. The next player places one of their markers on any number and mentally adds it to the previous number and says the sum aloud.
4. Each player follows in turn by placing one of their markers on another number and mentally adding it to the previous sum and saying the new sum aloud.
5. The winner is the first player to reach the "target sum."

**Variation/Extension:** Players could begin with a target number and then subtract the numbers on which they place their markers. The winner would be the first player to reach zero. Players could change the target number. Players could use number lines or hundreds boards as a tool or add mentally.







Target: 100



# Double Six Dominos

**Building Fluency:** adding within 20

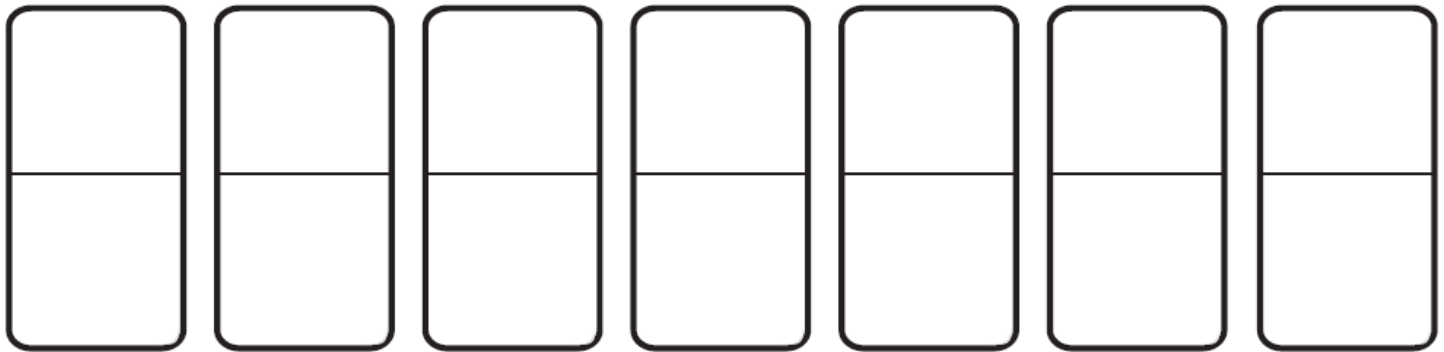
**Materials:** gameboard, set of dominos (different color sets if possible)

**Number of Players:** 2-3

**Directions:**

1. Place dominos face down on the table.
2. Players take turns drawing a domino.
3. Add the sum of the dots on the domino. If it matches a sum on the gameboard, place the domino on the board. If there is no matching sum, the player loses their turn.
4. Players should keep a tally chart of the number of dominos they place on the board if dominoe sets are not different colors.
5. The winner is the player with the most dominos on the board.

**Variation/Extension:** Use dice instead of dominos. Students roll two die on each turn. Students can write equations in their math notebooks.



7

10

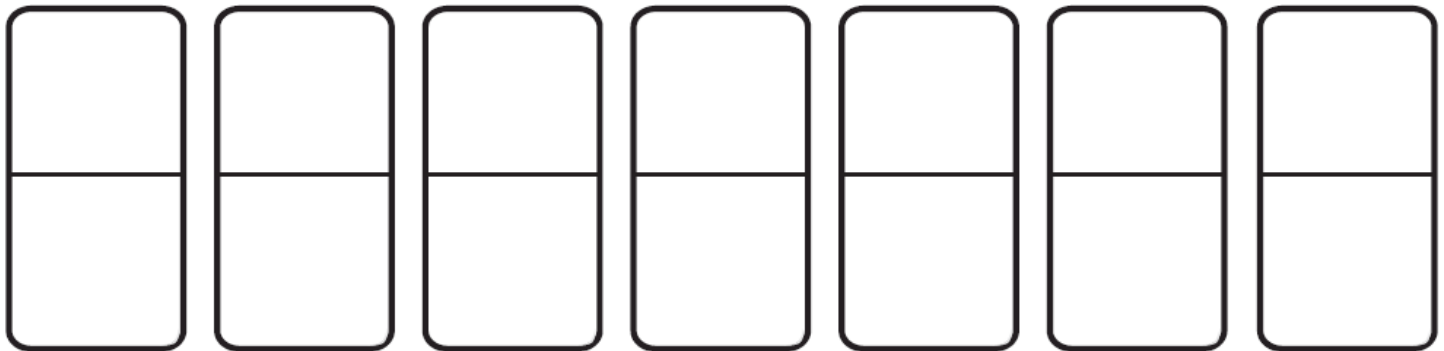
2

9

11

3

12



0

6

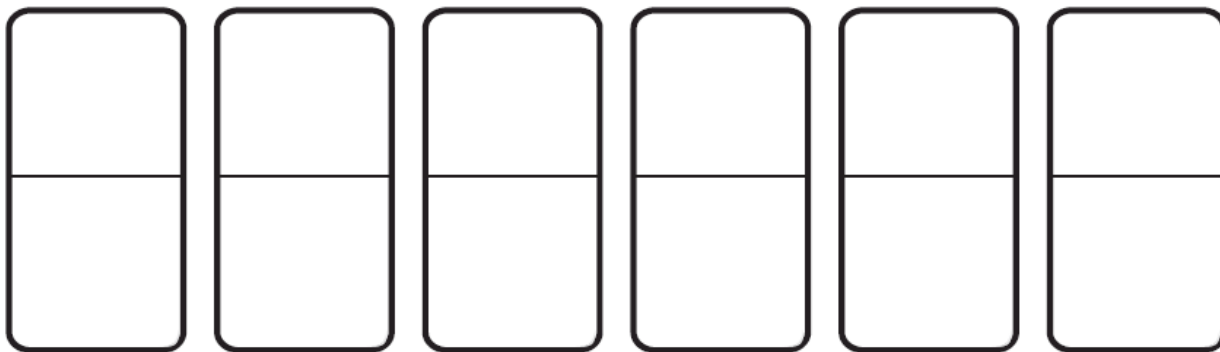
10

5

3

8

4



1

6

10

9

7

12

# Watch Out, Addition



**Building Fluency:** adding within 20

**Materials:** gameboard, pair of dice, different color game markers for each player

**Number of Players:** 2-3

**Directions:**

1. Player 1 rolls a pair of dice and adds the numbers together. They cover the sum with a colored marker.
2. Player 2 rolls and finds the sum. If another player's marker is already on the sum, they can remove and replace it.
3. The winner is the first player to get six markers in a row.

**Variation/Extension:** There is an additional game board with larger numbers. Players can use number cards 0-9 and draw two cards or create their own gameboard.

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

## Watch Out, Addition

<b>18</b>	<b>14</b>	<b>12</b>	<b>4</b>	<b>6</b>	<b>3</b>
<b>16</b>	<b>4</b>	<b>10</b>	<b>11</b>	<b>9</b>	<b>12</b>
<b>4</b>	<b>7</b>	<b>8</b>	<b>3</b>	<b>11</b>	<b>8</b>
<b>6</b>	<b>10</b>	<b>5</b>	<b>10</b>	<b>6</b>	<b>5</b>
<b>14</b>	<b>8</b>	<b>18</b>	<b>4</b>	<b>7</b>	<b>10</b>
<b>3</b>	<b>7</b>	<b>11</b>	<b>9</b>	<b>12</b>	<b>15</b>

# Picking Grapes

**Building Fluency:** subtracting within 20

**Materials:** gameboard, one die, game markers

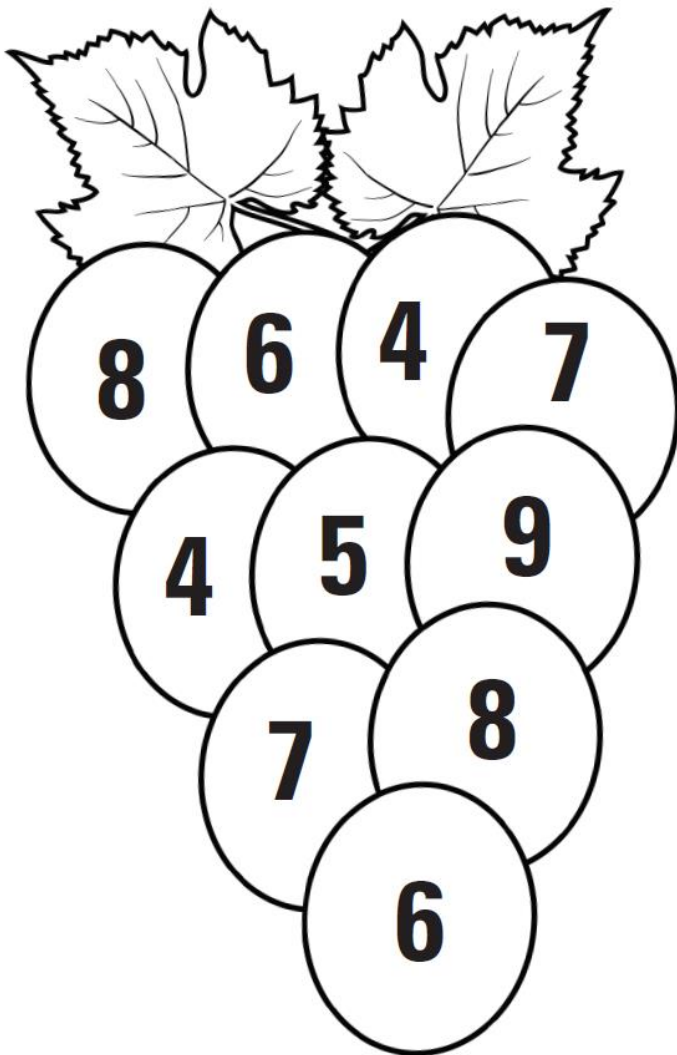
**Number of Players:** 2

**Directions:**

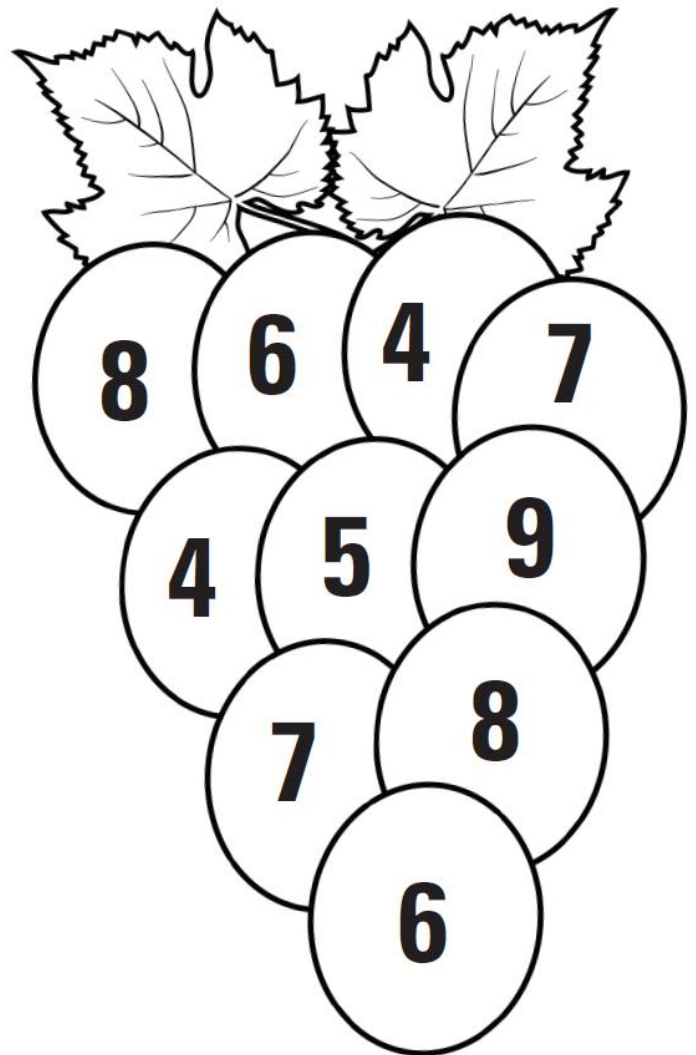
1. Players take turns rolling the die and subtracting the number on the die from 10.
2. Cover the difference on your bunch of grapes.
3. The winner is the person that covers all of their grapes first.

**Variation/Extension:** Use an additional game board with larger numbers and subtract from 20. You could vary using one or two die. Students could create their own Picking Grapes gameboard.

**PLAYER 1**

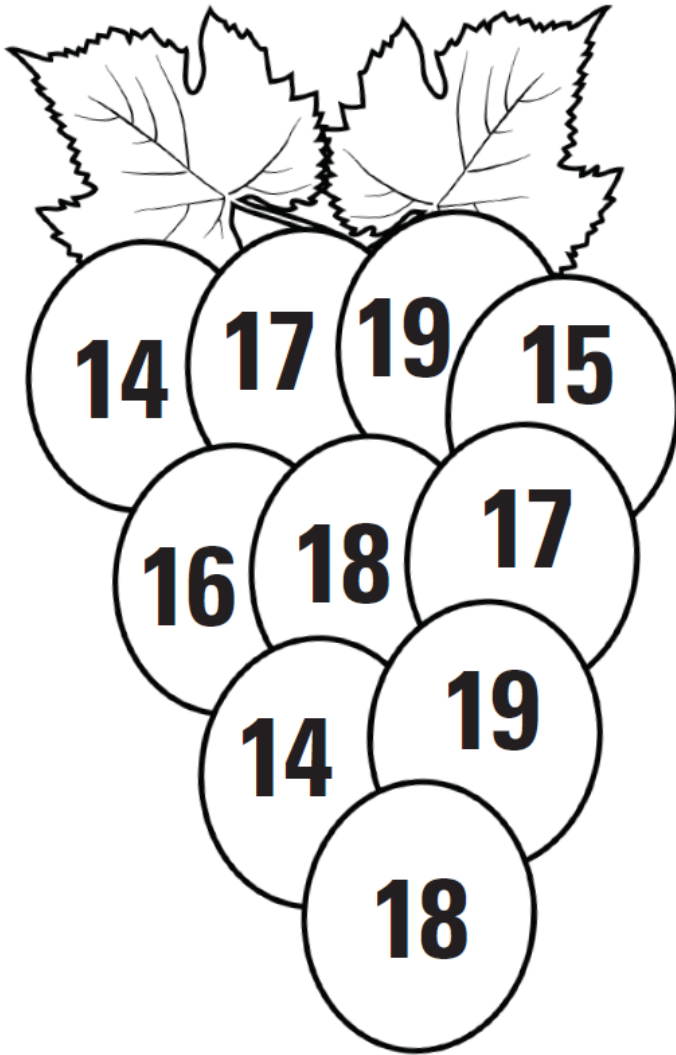


**PLAYER 2**

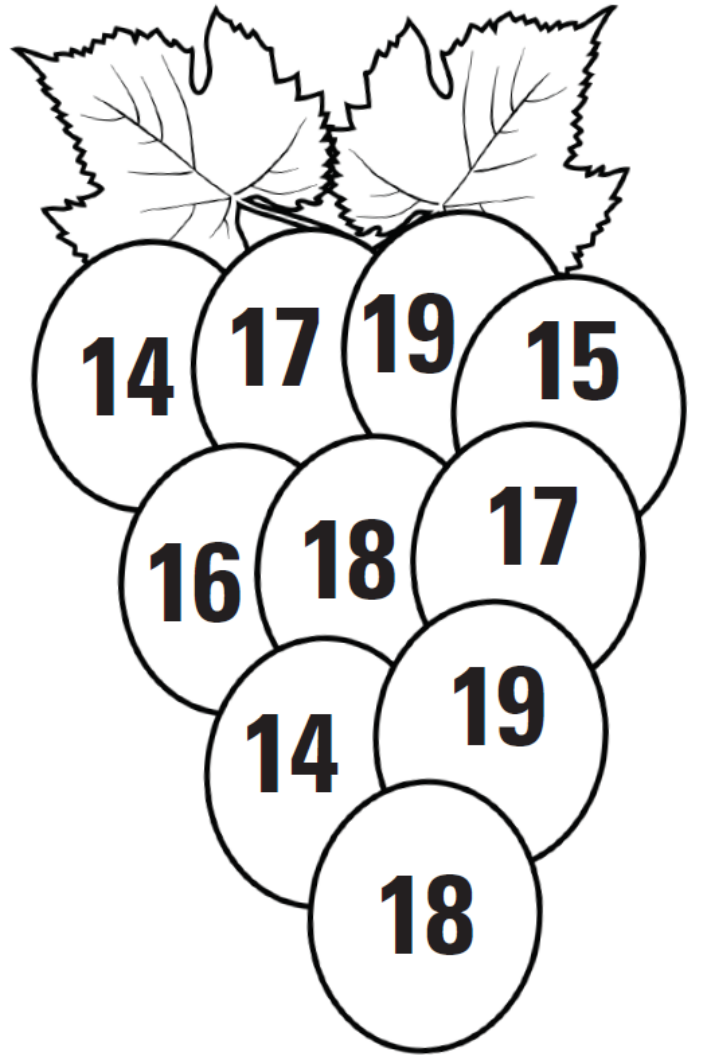


# Picking Grapes

PLAYER 1

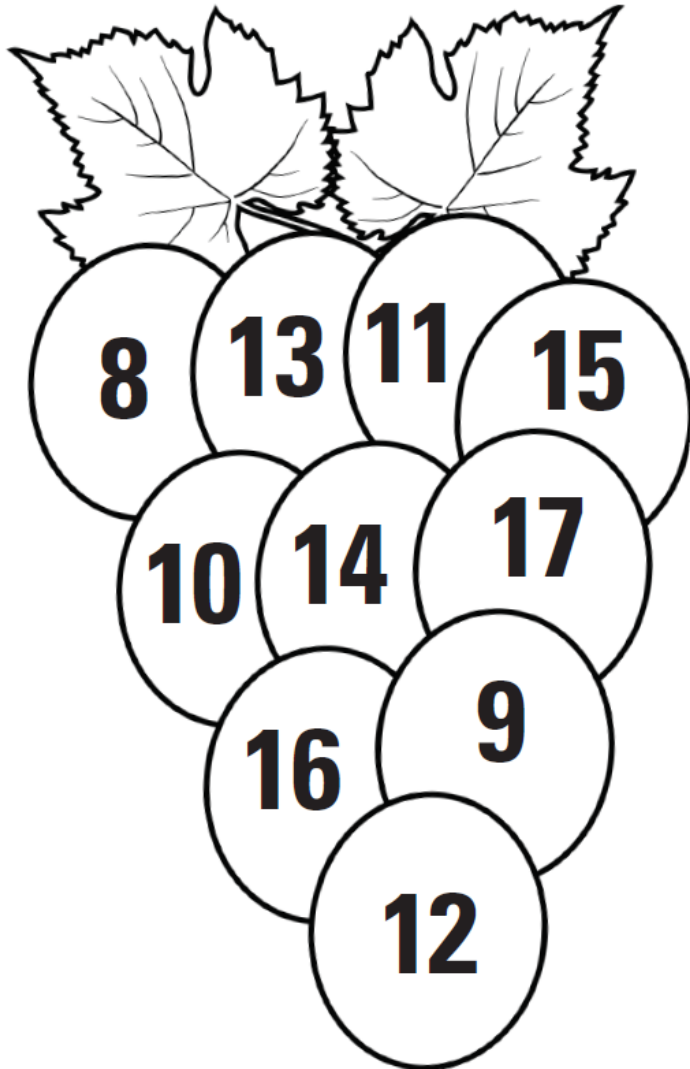


PLAYER 2

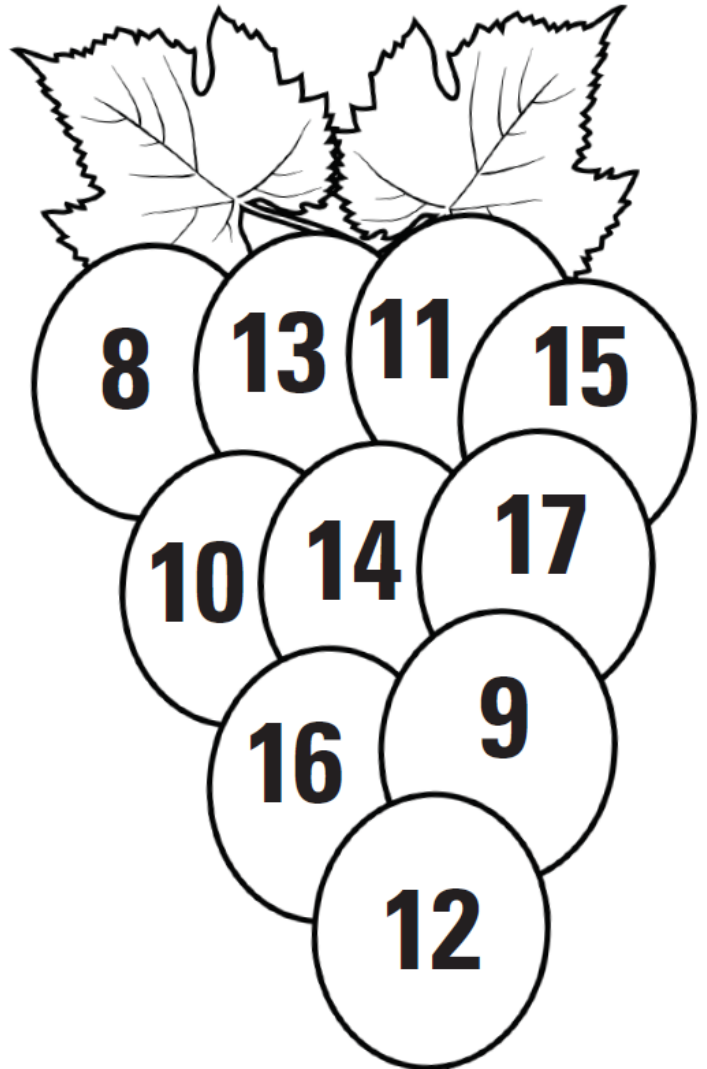


# Picking Grapes

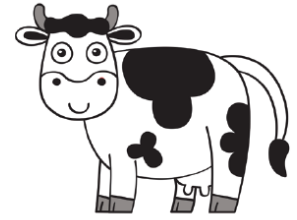
PLAYER 1



PLAYER 2



# Mooove It Subtraction



**Building Fluency:** adding and subtracting within 20

**Materials:** gameboard, pair of dice, 8 game markers for each player

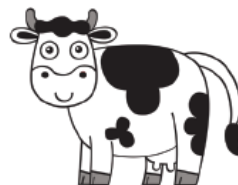
**Number of Players:** 2

**Directions:**

1. Players take turns.
2. Roll a pair of dice and add the numbers together.
3. Subtract the sum from 14.
4. Place a colored marker on the difference.
5. If the square already has a player's marker on it, the player may move that marker off the board and replace it with their own marker.
6. The winner is the first player to use all of their colored markers.

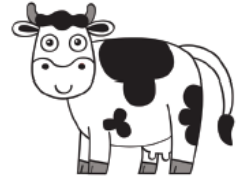
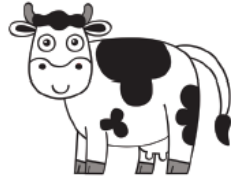
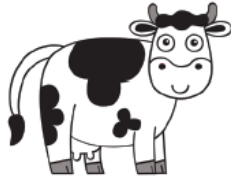
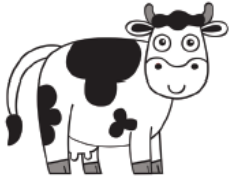
**Variation/Extension:** Use the additional game board. Roll the die, add the numbers together and subtract from 20 or a number of their choice. Students can create their own gameboard.

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

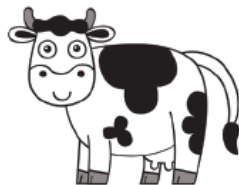
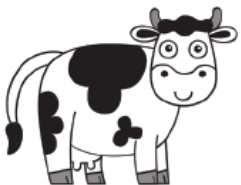




# Moove It Subtraction



<b>18</b>	<b>14</b>	<b>12</b>	<b>9</b>
<b>16</b>	<b>9</b>	<b>10</b>	<b>11</b>
<b>4</b>	<b>13</b>	<b>8</b>	<b>14</b>
<b>16</b>	<b>10</b>	<b>15</b>	<b>10</b>
<b>14</b>	<b>8</b>	<b>18</b>	<b>13</b>



# Road Rally

**Building Fluency:** adding and subtracting within 20 and 100




**Materials:** gameboard, marker for each player, game cards

**Number of Players:** 2-4

**Directions:**

1. Players take turns drawing a card and answering the questions.
2. If the player answers the question correctly, they follow the directions on the card. If the player answers the question incorrectly, they lose a turn.
3. Play continues until one player reaches the finish flag. Shuffle and reuse cards as needed.

**Variation/Extension:** Have students write the problems in their math notebooks or label problem types. Various sets of cards are included for your convenience.

<p>You leave pit area in record time... MOVE AHEAD ONE SPACE</p>					
	<p><b>START</b></p>		<p><b>FINISH</b></p>		
				<p>Caution flag... LOSE A TURN</p>	
				<p>You overtake car ahead... MOVE AHEAD ONE SPACE</p>	
<p>Caution flag... LOSE A TURN</p>					
			<p>Car ahead wrecks... MOVE AHEAD ONE SPACE</p>		<p>Low on fuel... LOSE A TURN</p>
<p>Need a new tire... MOVE BACK ONE SPACE</p>					

**1**

Zac has six cups of juice for his party.  
He fills eight more cups.  
How many cups does he have now?

**MOVE 1 SPACE****2**

Susie has eleven notebooks for her friends in class. Jeff has seven notebooks for his class. How many notebooks do they have for the class all together?

**MOVE 1 SPACE****3**

Sam has seven pieces of candy in a treat bag. He eats two pieces of candy. How many pieces of candy are in the treat bag now?

**MOVE 2 SPACES****4**

There are nine boys and girls in the gym. Five of the kids are boys. How many are girls?

**MOVE 1 SPACE****5**

Amanda has eleven pens. She loses a few. Now Amanda has seven. How many pens did she lose?

**MOVE 3 SPACES****6**

Scott and Cindy have fifteen crayons all together. Cindy has some. Scott has five. How many crayons does Cindy have?

**MOVE 1 SPACE****7**

Six kids were playing on the swings. Twelve kids were playing on the slide. How many kids were playing on the playground?

**MOVE 1 SPACE****8**

# CRASH!!

**MOVE BACK 2 SPACES****9**

Mr. Hunt had three magazines on the shelf and six books on the shelf? How many magazines and books are on the shelf?

**MOVE 2 SPACES****10**

Five ducks were swimming in the pond. Seven geese were eating grass around the pond. How many ducks and geese were at the pond?

**MOVE 1 SPACE****ANSWER KEY – Addition and Subtraction Under 20 Cards**

1. 14 cups 2. 18 notebooks 3. 5 pieces 4. 4 girls 5. 4 pens 6. 10 crayons 7. 18 kids 9. 9 magazines &amp; 4 books 10. 12 ducks &amp; geese

**11**

Mrs. Smith has six erasers in her desk. She finds eight more erasers. How many erasers does she have in all?

**MOVE 1 SPACE**

**12**

There are fourteen kids on a bus for a field trip. Six kids get off of the bus. How many kids are on the bus now?

**MOVE 2 SPACES**

**13**

Sally and Ted have ten jump ropes. Ted has seven jump ropes. How many jump ropes does Sally have?

**MOVE 1 SPACE**

**14**

Mrs. Smith has six erasers in her desk. She found some more erasers. Now she has nine. How many erasers did she find?

**MOVE 2 SPACES**

**15**

Jill found five pieces of trash in the cafeteria. Bob found some pieces of trash. They have twelve pieces of trash together. How many did Bob find?

**MOVE 1 SPACE**

**16**

Greg collected four shells at the beach. His sister, Linda, collected some more. They now have thirteen shells altogether. How many shells did Linda collect?

**MOVE 1 SPACE**

**17**

Max has eight pencils. Three are red and the rest are blue. How many pencils are blue?

**MOVE 1 SPACE**

**18**

Fifteen bags of chips are on the table. Eight are corn chips and the others are potato chips. How many are potato chips?

**MOVE 1 SPACE**

**19**

There are twenty flowers in a vase. Nine are red and the rest are yellow. How many flowers are yellow?

**MOVE 2 SPACES**

**20**

Lily has eight apples. Jessica has four apples. How many fewer apples does Jessica have than Lily?

**MOVE 1 SPACE**

**ANSWER KEY – Addition and Subtraction Under 20 Cards**

11. 14 erasers 12. 8 kids 13. 3 jump ropes 14. 3 erasers 15. 7 pieces 16. 9 shells 17. 5 pencils 18. 7 bags 19. 11 flowers 20. 4 fewer

21

Alex has ten pencils. Rex has four pencils. How many more pencils does Alex have than Rex?

MOVE 1 SPACE

22

Mary has fifteen marbles. Riley has nine marbles. How many fewer marbles does Riley have than Mary?

MOVE 1 SPACE

23

Karen has three pieces of gum. Sally has twelve pieces of gum. How many more pieces of gum does Sally have than Karen?

MOVE 2 SPACES

24

Frank has five stickers. Lisa has fifteen stickers. How many fewer stickers does Frank have than Lisa?

MOVE 1 SPACE

25

# CRASH!!

LOSE YOUR TURN

26

A farm has five pigs and eight cows. How many more cows than pigs are on the farm?

MOVE 1 SPACE

27

Julie has three more apples than Lucy. Lucy has two apples. How many apples does Julie have?

MOVE 1 SPACE

28

Bob has eight more marbles than Stan. Stan has five marbles. How many marbles does Bob have?

MOVE 1 SPACE

29

Sara has ten more cookies than Trish. Trish has seven cookies. How many cookies does Sara have?

MOVE 1 SPACE

30

# CRASH!!

GO BACK 1 SPACE

**ANSWER KEY – Addition and Subtraction Under 20 Cards**

21. 6 more   22. 6 fewer   23. 9 more   24. 10 fewer   26. 3 more   27. 5 apples   28. 13 marbles   29. 17 cookies

31

**CRASH!!**

LOSE YOUR TURN

32

Lucy has six fewer apples than Julie.  
Julie has twelve apples.  
How many apples does Lucy have?

MOVE 1 SPACE

33

Mrs. Saddle has nine fewer horses  
than Sal. Sal has fourteen horses.  
How many horses does Mrs. Saddle have?

MOVE 1 SPACE

34

Greg has eight fewer bags of candy than  
Henry. Henry has fourteen bags of candy.  
How many bags of candy does Greg have?

MOVE 2 SPACES

35

Mr. Scott has seventeen students in his class.  
Six of them are girls. How many are boys?

MOVE 1 SPACE

36

Ron's farm grew some watermelons.  
Sal's farm grew four watermelons. Both farmers  
grew nineteen watermelons all together.  
How many watermelons did Ron grow?

MOVE 1 SPACE

37

There were five red cars and six  
blue cars in the parking lot.  
How many cars were there in all?

MOVE 1 SPACE

38

**CRASH!!**

MOVE BACK 1 SPACE

39

**CRASH!!**

MOVE BACK 2 SPACES

40

**CRASH!!**

MOVE BACK 2 SPACES

**ANSWER KEY – Addition and Subtraction Under 20 Cards**

32. 6 apples 33. 5 horses 34. 6 bags 35. 11 boys 36. 15 watermelons 37. 11 cars

**1**

Zac has fifteen cups of juice for his party. He fills eleven more cups. How many cups does he have now?

**MOVE 1 SPACE****2**

Susie has twenty notebooks for her friends in class. Jeff has eighteen notebooks for his class. How many notebooks do they have for the class all together?

**MOVE 1 SPACE****3**

Sam has forty-four pieces of candy in a treat bag. He eats nineteen pieces of candy. How many pieces of candy are in the treat bag now?

**MOVE 2 SPACES****4**

There are twenty-one boys and girls in the gym. Sixteen of the kids are boys. How many are girls?

**MOVE 1 SPACE****5**

Amanda has fifty-two pens. She loses a few. Now Amanda has forty. How many pens did she lose?

**MOVE 3 SPACES****6**

Scott and Cindy have eighty-five crayons all together. Cindy has some. Scott has fifty-two. How many crayons does Cindy have?

**MOVE 1 SPACE****7**

Seventeen kids were playing on the swings. Twelve kids were playing on the slide. How many kids were playing on the playground?

**MOVE 1 SPACE****8**

# **CRASH!!**

**MOVE BACK 2 SPACES****9**

Mr. Hunt had thirty magazines on the shelf and sixteen books on the shelf? How many magazines and books are on the shelf?

**MOVE 2 SPACES****10**

Thirteen ducks were swimming in the pond. Seventeen geese were eating grass around the pond. How many ducks and geese were at the pond?

**MOVE 1 SPACE****ANSWER KEY – Addition and Subtraction Up to 100 Cards**

1. 26 cups 2. 38 notebooks 3. 25 pieces 4. 5 girls 5. 12 pens 6. 33 crayons 7. 29 kids 9. 46 magazines &amp; books 10. 30 ducks &amp; geese

**11**

Mrs. Smith has forty-two erasers in her desk. She finds twenty-eight more erasers. How many erasers does she have in all?

**MOVE 1 SPACE****12**

There were forty-two kids on a bus for a field trip. Twenty-two kids get off of the bus. How many kids are on the bus now?

**MOVE 2 SPACES****13**

Sally and Ted have 100 jump ropes. Ted has sixty-three jump ropes. How many jump ropes does Sally have?

**MOVE 1 SPACE****14**

Mrs. Smith has sixty-four erasers in her desk. She found some more erasers. Now she has ninety-eight. How many erasers did she find?

**MOVE 2 SPACES****15**

Jill found fifteen pieces of trash in the cafeteria. Bob found some pieces of trash. They have twenty-six pieces of trash together. How many did Bob find?

**MOVE 1 SPACE****16**

Greg collected forty-eight shells at the beach. His sister, Linda, collected some more. They now have fifty-one shells altogether. How many shells did Linda collect?

**MOVE 1 SPACE****17**

Max has seventy-eight pencils. Thirty-seven are red and the rest are blue. How many pencils are blue?

**MOVE 1 SPACE****18**

Fifty-one bags of chips are on the table. Twenty-one are corn chips and the others are potato chips. How many are potato chips?

**MOVE 1 SPACE****19**

There are seventy-three flowers in vases. Forty-six are red and the rest are yellow. How many flowers are yellow?

**MOVE 2 SPACES****20**

Lily has twenty-eight apples. Jessica has twenty-four apples. How many fewer apples does Jessica have than Lily?

**MOVE 1 SPACE****ANSWER KEY – Addition and Subtraction Up to 100 Cards**

11. 70 erasers 12. 20 kids 13. 37 jump ropes 14. 34 erasers 15. 11 pieces 16. 3 shells 17. 41 pencils 18. 30 bags 19. 27 flowers 20. 4 fewer



**21**

Alex has thirty pencils. Rex has fourteen pencils. How many more pencils does Alex have than Rex?

**MOVE 1 SPACE**

**22**

Mary has fifty marbles. Riley has nineteen marbles. How many fewer marbles does Riley have than Mary?

**MOVE 1 SPACE**

**23**

Karen has thirty pieces of gum. Sally has twenty pieces of gum. How many more pieces of gum does Sally have than Karen?

**MOVE 2 SPACES**

**24**

Frank has fifteen stickers. Lisa has fifty stickers. How many fewer stickers does Frank have than Lisa?

**MOVE 1 SPACE**

**25**

# **CRASH!!**

**LOSE YOUR TURN**

**26**

A farm has twelve pigs and eighty cows. How many more cows than pigs are on the farm?

**MOVE 1 SPACE**

**27**

Julie has thirty more apples than Lucy. Lucy has twenty-two apples. How many apples does Julie have?

**MOVE 1 SPACE**

**28**

Bob has eighty more marbles than Stan. Stan has fifteen marbles. How many marbles does Bob have?

**MOVE 1 SPACE**

**29**

Sara has twenty-seven more cookies than Trish. Trish has seventy-one cookies. How many cookies does Sara have?

**MOVE 1 SPACE**

**30**

# **CRASH!!**

**GO BACK 1 SPACE**

**ANSWER KEY – Addition and Subtraction Up to 100 Cards**

21. 16 more   22. 31 fewer   23. 10 more   24. 35 fewer   26. 68 more   27. 52 apples   28. 95 marbles   29. 98 cookies

31

**CRASH!!**

LOSE YOUR TURN

32

Lucy has sixteen fewer apples than Julie. Julie has sixty-six apples. How many apples does Lucy have?

MOVE 1 SPACE

33

Mrs. Saddle has sixteen fewer horses than Sal. Sal has thirty horses. How many horses does Mrs. Saddle have?

MOVE 1 SPACE

34

Greg has eighteen fewer bags of candy than Henry. Henry has forty bags of candy. How many bags of candy does Greg have?

MOVE 2 SPACES

35

Mr. Scott has twenty-seven students in his class. Sixteen of them are girls. How many are boys?

MOVE 1 SPACE

36

Ron's farm grew some watermelons. Sal's farm grew fifty-four watermelons. Both farmers grew eighty-three watermelons all together. How many watermelons did Ron grow?

MOVE 1 SPACE

37

There were nineteen red cars and thirty-six blue cars in the parking lot. How many cars were there in all?

MOVE 1 SPACE

38

**CRASH!!**

MOVE BACK 1 SPACE

39

**CRASH!!**

MOVE BACK 2 SPACES

40

**CRASH!!**

MOVE BACK 2 SPACES

**ANSWER KEY – Addition and Subtraction Up to 100 Cards**

32. 50 apples 33. 14 horses 34. 22 bags 35. 11 boys 36. 29 watermelons 37. 55 cars

**1**

Zac had some cups of juice for his party. He filled eight more cups. Now he has 14 cups of juice. How many cups of juice did Zac have to start with?

**MOVE 1 SPACE****2**

Susie had some notebooks for her friends in class. She got seven more notebooks. Now she has eighteen notebooks for her class. How many notebooks did Sallie have to begin with?

**MOVE 1 SPACE****3**

Sam has some candy in a treat bag. He eats two pieces of candy. There are seven pieces of candy are in the treat bag now. How many pieces of candy did Sam start with?

**MOVE 2 SPACES****4**

Some children were in the gym. Five more came in. Now there are nine children in the gym. How many children were in the gym to start with?

**MOVE 1 SPACE****5**

Amanda had some pens. She loses four pens. Now Amanda has seven pens. How many pens did Amanda have to begin with?

**MOVE 3 SPACES****6**

Scott had some crayons. He got five more. Now he has fifteen crayons. How many crayons did Scott have to start?

**MOVE 1 SPACE****7**

Some kids were playing on the playground. Twelve more kids came out to play. Now there are eighteen kids on the playground. How many kids were on the playground at the beginning?

**MOVE 1 SPACE****8**

Bruce had some toys. He loses seven toys. Now Bruce has seven toys. How many toys did Bruce have to begin with?

**MOVE 3 SPACES****9**

Mr. Hunt had some books on the shelf. He put three more books on the shelf. Now there are nine books on the shelf. How many books did Mr. Hunt have on the shelf to begin with?

**MOVE 2 SPACES****10**

Some ducks were swimming in the pond. Seven of the ducks flew away. Now there are five ducks swimming in the pond. How many ducks were at the pond to begin with?

**MOVE 1 SPACE****ANSWER KEY – Result, Change, Total, Addend, Difference, Smaller, and Bigger Unknown Addition and Subtraction Under 20 (Review)**

1. 6 cups   2. 11 notebooks   3. 9 pieces   4. 4 children   5. 11 pens   6. 10 crayons   7. 6 kids   8. 14 toys   9. 6 books   10. 12 ducks

**11**

Mrs. Smith had some erasers in her desk. She finds eight more erasers. Now she has fourteen. How many erasers did Mrs. Smith have to start with?

**MOVE 1 SPACE****12**

There were some kids on a bus for a field trip. Six kids got off the bus. There are eight kids still on the bus. How many kids were on the bus at the start of the field trip?

**MOVE 2 SPACES****13**

Sally had some jump ropes. She gave three jump ropes to Ted. Now she has twelve. How many jump ropes did Sally have to begin with?

**MOVE 1 SPACE****14**

Mrs. Smith had some erasers in her desk. She gave six erasers to her students. Now she has nine erasers. How many erasers did Mrs. Smith have in her desk to start with?

**MOVE 2 SPACES****15**

Jill picked up seven fewer pieces of trash than Bob. Jill picked up five pieces. How many pieces of trash did Bob pick up?

**MOVE 1 SPACE****16**

Greg had some shells. He collected four more. Now he has thirteen shells. How many shells did Greg have to begin with?

**MOVE 1 SPACE****17**

Max had some pencils. He bought five more. Now he has eight pencils. How many pencils did Max have to begin with?

**MOVE 1 SPACE****18**

Natasha has seven more bags of chips than Jenny. Natasha has fifteen bags of chips. How many bags of chips does Jenny have?

**MOVE 1 SPACE****19**

Katie has eleven fewer flowers than Emily. Katie has nine flowers. How many flowers does Emily have?

**MOVE 2 SPACES****20**

Lily has four more apples than Jessica. Lily has 8 apples. How many apples does Jessica have?

**MOVE 1 SPACE****ANSWER KEY – Result, Change, Total, Addend, Difference, Smaller, and Bigger Unknown Addition and Subtraction Under 20 (Review)**

11. 6 erasers 12. 14 kids 13. 15 jump ropes 14. 15 erasers 15. 12 pieces 16. 9 shells 17. 3 pencils 18. 8 bags 19. 20 flowers 20. 4 apples

21

Alex has six more pencils than Rex.  
Alex has ten pencils. How many  
pencils does Rex have?

MOVE 1 SPACE

22

Mary has six more marbles than Riley.  
Mary has fifteen marbles. How many  
marbles does Riley have?

MOVE 1 SPACE

23

Sally has nine more pieces of gum than  
Karen. Sally has twelve pieces of gum.  
How many pieces of gum does Karen have?

MOVE 2 SPACES

24

Frank has ten fewer stickers than Lisa.  
Frank has five stickers. How many  
stickers does Lisa have?

MOVE 1 SPACE

25

# CRASH!!

LOSE YOUR TURN

26

Farmer Kitty has five more pigs than  
Farmer Tania. Farmer Kitty has eight pigs.  
How many pigs does Farmer Tania have?

MOVE 1 SPACE

27

Julie has three more apples than Lucy.  
Julie has five apples. How many  
apples does Lucy have?

MOVE 1 SPACE

28

Bob has eight more marbles than Stan.  
Bob has thirteen marbles. How many  
marbles does Stan have?

MOVE 1 SPACE

29

Sara has ten more cookies than Trish.  
Sara has seventeen cookies.  
How many cookies does Trish have?

MOVE 1 SPACE

30

# CRASH!!

GO BACK 1 SPACE

31

**CRASH!!**

LOSE YOUR TURN

32

Lucy has six fewer apples than Julie.  
Lucy has six apples. How many  
apples does Julie have?

MOVE 1 SPACE

33

Mrs. Saddle has nine fewer horses than Sal.  
Mrs. Saddle has six horses.  
How many horses does Sal have?

MOVE 1 SPACE

34

Greg has eight fewer bags of candy  
than Henry. Greg has six bags of candy.  
How many bags of candy does Henry have?

MOVE 2 SPACES

35

Mr. Scott has nine fewer students than  
Mrs. Smith. Mr. Scott has six students.  
How many students does Mrs. Smith have?

MOVE 1 SPACE

36

Ron grew 15 fewer watermelons than Sal.  
Ron grew 4 watermelons. How many  
watermelons did Sal grow?

MOVE 1 SPACE

37

There are five fewer red cars in the  
parking lot than blue cars. There are  
six red cars in the parking lot. How many  
blue cars are in the parking lot?

MOVE 1 SPACE

38

**CRASH!!**

MOVE BACK 1 SPACE

39

**CRASH!!**

MOVE BACK 2 SPACES

40

**CRASH!!**

MOVE BACK 2 SPACES

**ANSWER KEY – Addition and Subtraction Under 20 Cards**

1. 14 cups
2. 18 notebooks
3. 5 pieces
4. 4 girls
5. 4 pens
6. 10 crayons
7. 18 kids
9. 9 magazines & 4 books
10. 12 ducks & geese
11. 14 erasers
12. 8 kids
13. 3 jump ropes
14. 3 erasers
15. 7 pieces
16. 9 shells
17. 5 pencils
18. 7 bags
19. 11 flowers
20. 4 fewer
21. 6 more
22. 6 fewer
23. 9 more
24. 10 fewer
26. 3 more
27. 5 apples
28. 13 marbles
29. 17 cookies
32. 6 apples
33. 5 horses
34. 6 bags
35. 11 boys
36. 15 watermelons
37. 11 cars

**ANSWER KEY – Addition and Subtraction Up to 100 Cards**

1. 26 cups
2. 38 notebooks
3. 25 pieces
4. 5 girls
5. 12 pens
6. 33 crayons
7. 29 kids
9. 46 magazines & books
10. 30 ducks & geese
11. 70 erasers
12. 20 kids
13. 37 jump ropes
14. 34 erasers
15. 11 pieces
16. 3 shells
17. 41 pencils
18. 30 bags
19. 27 flowers
20. 4 fewer
21. 16 more
22. 31 fewer
23. 10 more
24. 35 fewer
26. 68 more
27. 52 apples
28. 95 marbles
29. 98 cookies
32. 50 apples
33. 14 horses
34. 22 bags
35. 11 boys
36. 29 watermelons
37. 55 cars

**ANSWER KEY – Result, Change, Total, Addend, Difference, Smaller, and Bigger Unknown Addition and Subtraction Under 20 (Review)**

1. 6 cups
2. 11 notebooks
3. 9 pieces
4. 4 children
5. 11 pens
6. 10 crayons
7. 6 kids
8. 14 toys
9. 6 books
10. 12 ducks
11. 6 erasers
12. 14 kids
13. 15 jump ropes
14. 15 erasers
15. 12 pieces
16. 9 shells
17. 3 pencils
18. 8 bags
19. 20 flowers
20. 4 apples
21. 4 pencils
22. 9 marbles
23. 3 pieces
24. 15 stickers
26. 3 pigs
27. 2 apples
28. 5 marbles
29. 7 cookies
32. 12 apples
33. 15 horses
34. 14 bags
35. 15 students
36. 11 watermelon
37. 11 blue cars

# Space Chase

**Building Fluency:** adding and subtracting within 20

**Materials:** gameboard, pair of dice, colored marker for each player

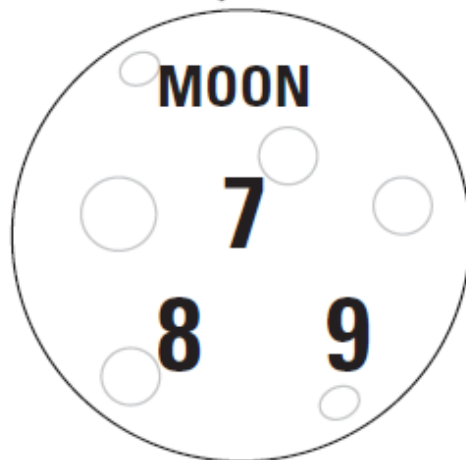
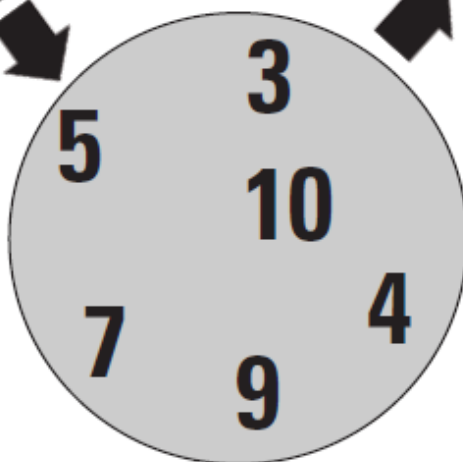
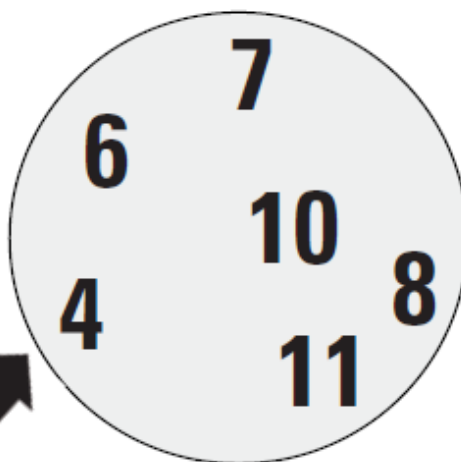
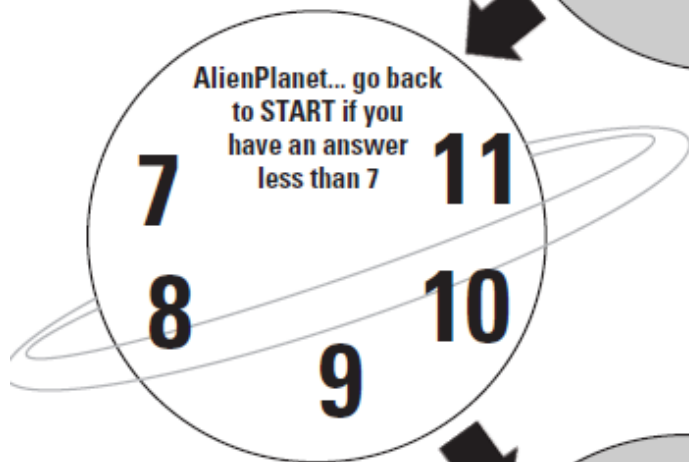
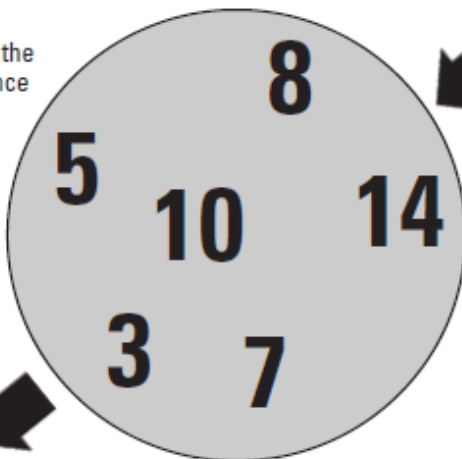
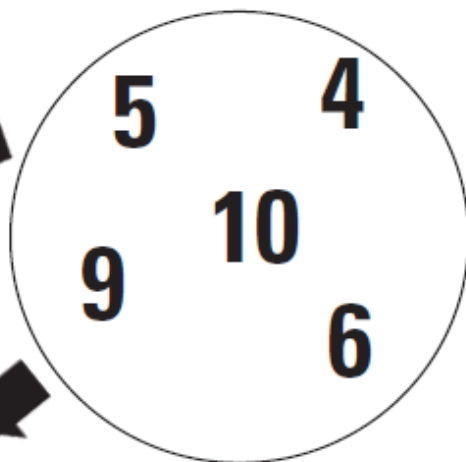
**Number of Players:** 2-4

**Directions:**

1. Players take turns.
2. Roll the dice and add the numbers.
3. Subtract the sum from 15.
4. If the difference is on the next planet, the player may move ahead. If the difference is not on the next planet, the player loses their turn.
5. Play continues until a player reaches the moon.

**Variation/Extension:** Subtract the sum from a different number (eg. 20, 18, etc.). Students could create their own game board.

**START**





# Robot Races

**Building Fluency:** adding and subtracting within 20

**Materials:** gameboard, pair of dice, marker for each player

**Number of Players:** 2-3

**Directions:**

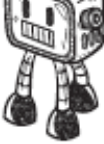



1. Players take turns. Roll the dice and add the numbers. Then subtract the sum from 20.
2. If the player gives the correct answer, they roll one die and moves that many spaces. If an incorrect answer is given, the player loses the turn.
3. Play continues until one player reaches the end of the race.

**Variation/Extension:** Subtract the sum from a different number (eg. 15, 18, etc.)

**FINISH**



**START**

									
		GO BACK 2		DELAY! LOSE A TURN					LOSE A TURN
						GOOD WORK! GO AHEAD 2			
GREAT! ROLL AGAIN									DELAY! GO BACK 1
				LUCKY ROLL AGAIN					
									
	DETOUR! LOSE A TURN						TIME OUT! GO BACK 3		
				WAIT HERE 1 TURN					
PRIZE WINNER, MOVE AHEAD 3							TOO FAST! GO BACK 2		MUD SLIDE! GO BACK 3

# Numberville

**Building Fluency:** adding within 20; determine if a number is odd or even

**Materials:** gameboard, marker for each player, 4 sets of number cards 0-10

**Number of Players:** 2

**Directions:**

1. One player follows Odd Street and the other player follows Even Street.
2. Take turns drawing two cards. Add the two numbers on the cards together.
3. If the sum is odd, the player following Odd Street moves one space. If the sum is even, the player following Even Street moves one space.
4. Play continues until one player reaches home.

**Variation/Extension:** Players could draw cards and subtract the sum from 20. Players could draw one card and determine if the number is odd or even.



**0**

**1**

**2**

**3**

**4**

**5**

**6**

**7**

**8**

**9**

**10**

**0**

**1**

**2**

**3**

**4**

**5**

**6**

**7**

**8**

**9**

**10**

**0**

**1**

**2**

**3**

**4**

**5**

**6**

**7**

**8**

**9**

**10**

**0**

**1**

**2**

**3**

**4**

**5**

**6**

**7**

**8**

**9**

**10**