Fabulous Fall Math
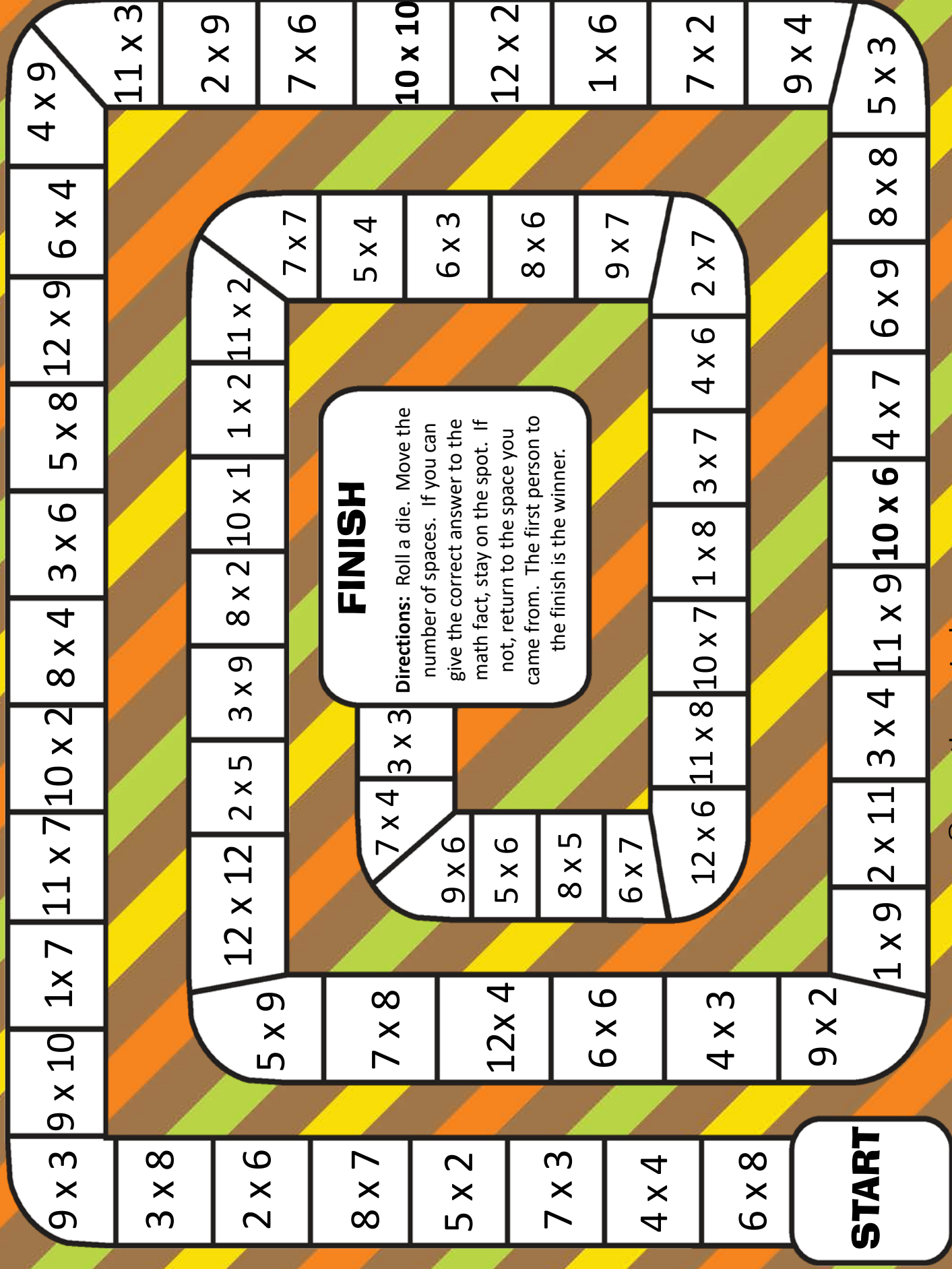
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MULTIPLICATION MANIA
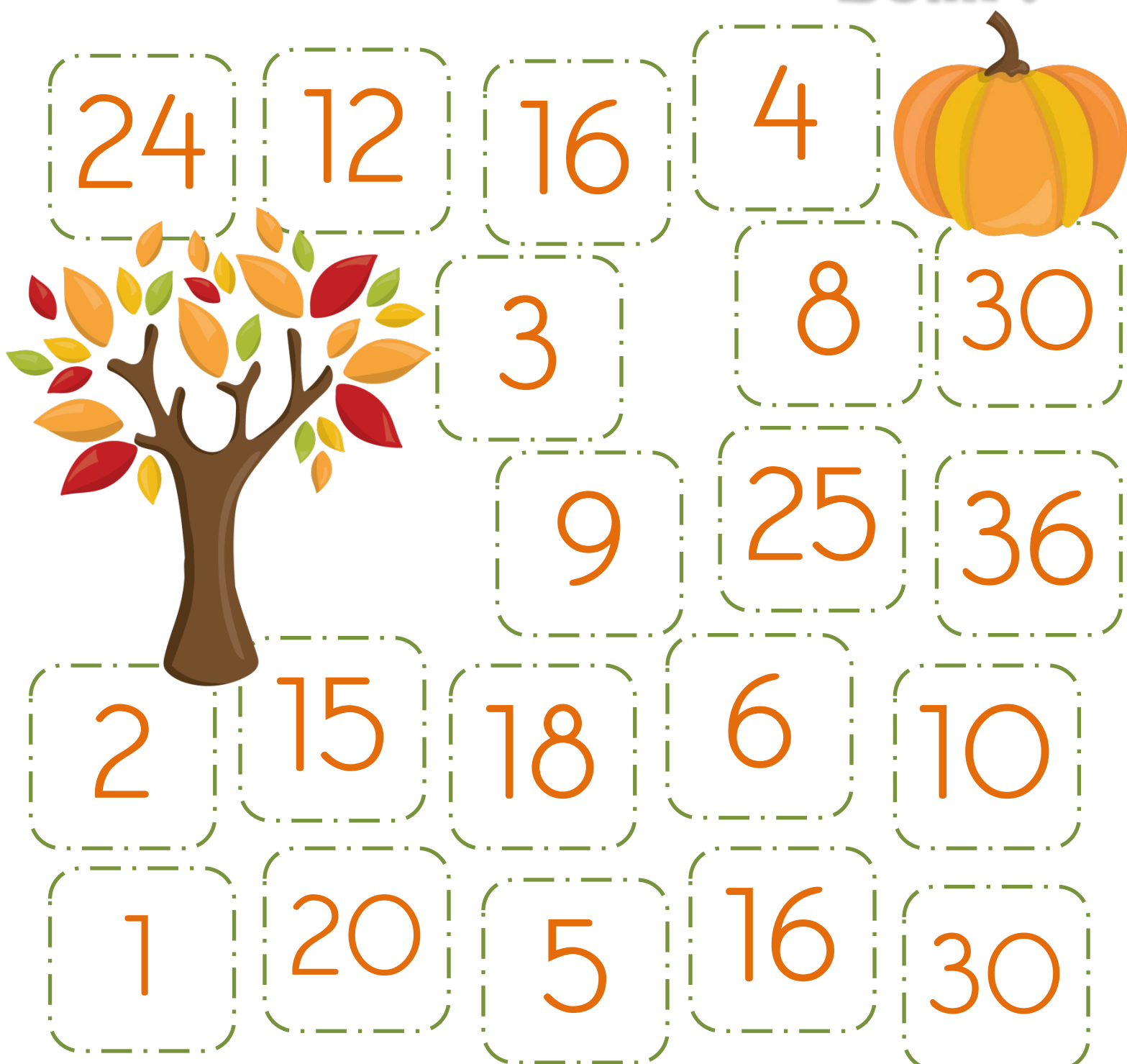
Board game spaces (following the winding path):

11 x 3 | 2 x 9 | 7 x 6 | **10 x 10** | 12 x 2 | 1 x 6 | 7 x 2 | 9 x 4

5 x 3 | 8 x 8 | 6 x 9 | 4 x 7 | **10 x 6** | 11 x 9 | 3 x 4 | 2 x 11 | 1 x 9

4 x 9 | 6 x 4 | 12 x 9 | 5 x 8 | 3 x 6 | 8 x 4 | 10 x 2 | 11 x 7 | 1 x 7 | 9 x 10 | 9 x 3

7 x 7 | 5 x 4 | 6 x 3 | 8 x 6 | 9 x 7 | 2 x 7 | 4 x 6 | 3 x 7 | 1 x 8 | 10 x 7 | 11 x 8 | 12 x 6

11 x 2 | 1 x 2 | 10 x 1 | 8 x 2 | 3 x 9 | 2 x 5 | 12 x 12

3 x 3 | 7 x 4 | 9 x 6 | 5 x 6 | 8 x 5 | 6 x 7

5 x 9 | 7 x 8 | 12 x 4 | 6 x 6 | 4 x 3 | 9 x 2

3 x 8 | 2 x 6 | 8 x 7 | 5 x 2 | 7 x 3 | 4 x 4 | 6 x 8

FINISH

Directions: Roll a die. Move the number of spaces. If you can give the correct answer to the math fact, stay on the spot. If not, return to the space you came from. The first person to the finish is the winner.

START

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DIVISION DYNAMITE

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FINISH

Directions: Roll a die. Move the number of spaces. If you can give the correct answer to the math fact, stay on the spot. If not, return to the space you came from. The first person to the finish is the winner.

START

33 ÷ 3
18 ÷ 9
42 ÷ 6
100 ÷ 10
24 ÷ 2
6 ÷ 6
14 ÷ 2
36 ÷ 4
15 ÷ 3
64 ÷ 8
54 ÷ 9
28 ÷ 7
60 ÷ 6
99 ÷ 9
12 ÷ 4
22 ÷ 11
9 ÷ 9
18 ÷ 2
12 ÷ 3
16 ÷ 4
48 ÷ 8
36 ÷ 6
21 ÷ 3
10 ÷ 2
56 ÷ 7
12 ÷ 6
24 ÷ 8
27 ÷ 3
90 ÷ 10
7 ÷ 7
77 ÷ 7
20 ÷ 2
32 ÷ 4
18 ÷ 6
640 ÷ 8
108 ÷ 9
24 ÷ 4
36 ÷ 9
45 ÷ 9
56 ÷ 8
48 ÷ 4
36 ÷ 6
12 ÷ 3
18 ÷ 2
9 ÷ 9
144 ÷ 12
10 ÷ 5
27 ÷ 9
16 ÷ 2
10 ÷ 1
2 ÷ 2
22 ÷ 2
49 ÷ 7
20 ÷ 4
18 ÷ 3
48 ÷ 6
63 ÷ 7
14 ÷ 7
24 ÷ 6
21 ÷ 7
8 ÷ 8
70 ÷ 7
88 ÷ 8
72 ÷ 6
42 ÷ 7
40 ÷ 5
30 ÷ 6
54 ÷ 6
28 ÷ 4
9 ÷ 3

Fabulous Fall

Multiplication BUMP!

24	12	16	4	
		3	8	30
		9	25	36
2	15	18	6	10
1	20	5	16	30
			15	20

Directions: Roll 2 number cubes and multiply the numbers. Cover that space with a marker. You can bump your partner's space by putting your marker on top.. If you cover a space with 2 stacked markers, that space can't be bumped again. The first player to use all 10 of their markers first wins!

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Fabulous Fall

Multiplication BUMP!

48	2	32	50	9	18
21	72	3	81	90	63
80	42	4	36	54	30
24	40	35	28	6	56
70	100	45	25	60	15
16	20	9	10	7	14
	27	49	1	64	12

Use 2 10-sided Dice.

Four in a Row

Multiplication

How to Play: Take turns with your partner. Choose two numbers from the small square. Multiply the numbers. Find the product in the large square and cover it with a marker. Use all the numbers once before starting over. The first player to get four in a row wins!

1	7	2
8	4	5
10	3	6

28	30	10	8	16	7
20	56	40	18	32	24
12	4	80	42	6	48
2	14	6	35	20	5
50	3	16	30	24	60
80	32	15	21	70	56
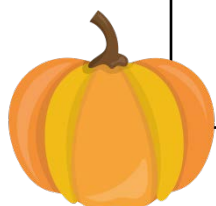
27,482	twenty-seven thousand, four hundred eighty-two
20,000 + 7,000 + 400 + 80 + 2	19,037
nineteen thousand, thirty-seven	10,000 + 9,000 + 30 + 7
92,436	ninety-two thousand, four hundred thirty-six
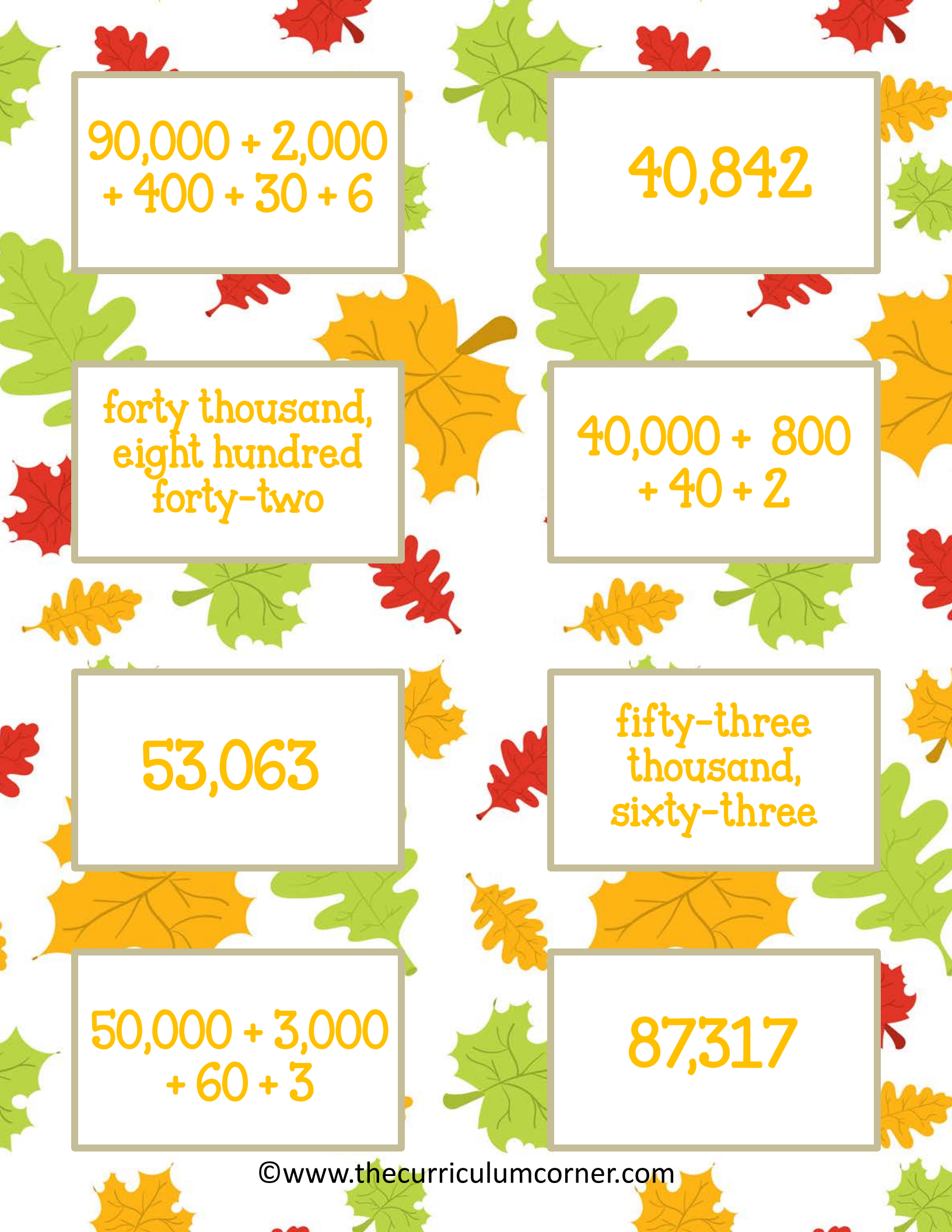
90,000 + 2,000 + 400 + 30 + 6

40,842

forty thousand, eight hundred forty-two

40,000 + 800 + 40 + 2

53,063

fifty-three thousand, sixty-three

50,000 + 3,000 + 60 + 3

87,317

eighty-seven thousand, three hundred seventeen	80,000 + 7,000 + 300 + 10 + 7
62,983	sixty-two thousand, nine hundred eighty-three
60,000 + 2,000 + 900 + 80 + 3	482,031
four hundred eighty-two thousand, thirty-one	400,000 + 80,000 + 2,000 + 30 + 1

820,481

eight hundred twenty thousand, four hundred eighty-one

800,000 + 20,000 + 400 + 80 + 1
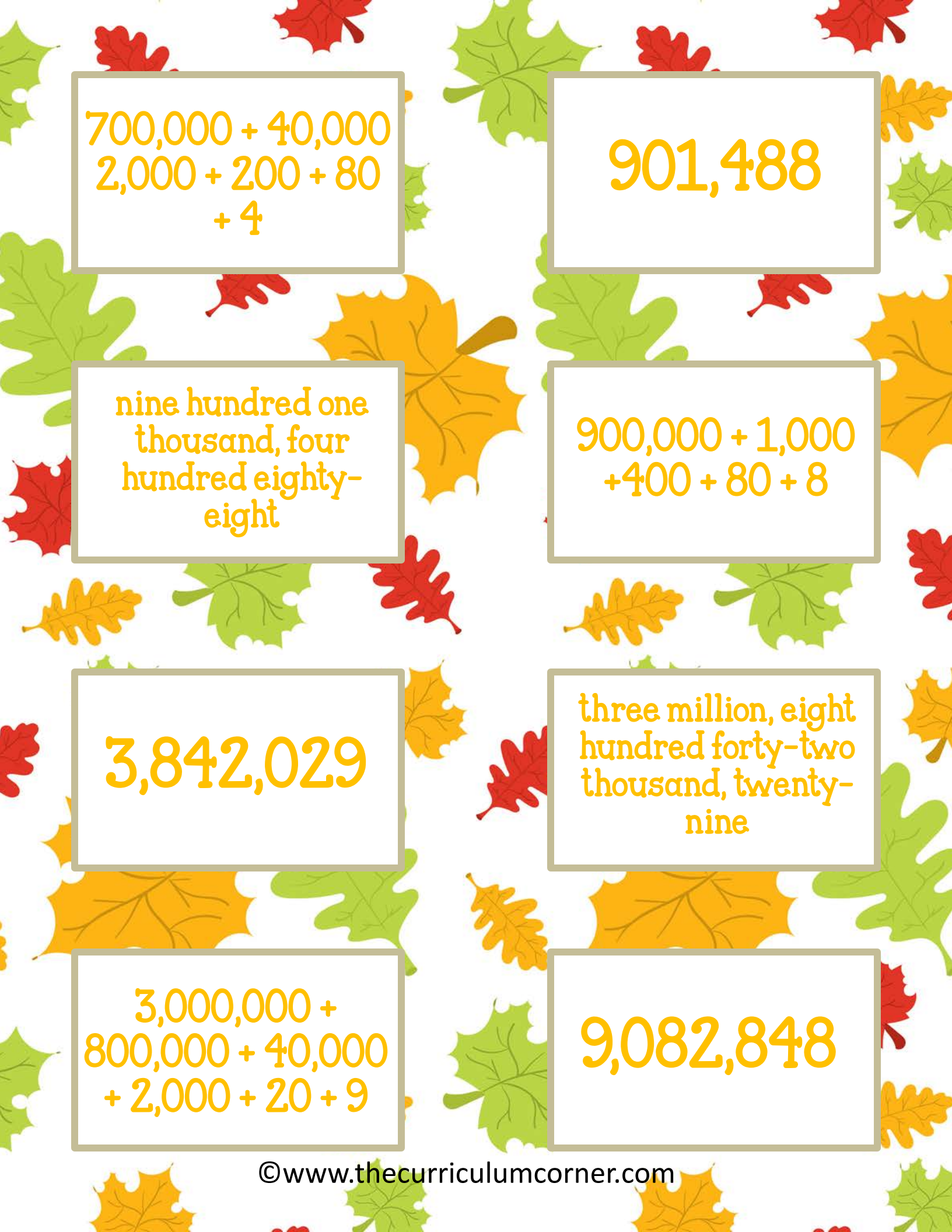
100,482

one hundred thousand, four hundred eighty-two

100,000 + 400 + 80 + 2

742,284

seven hundred forty-two thousand, two hundred eighty-four

700,000 + 40,000 2,000 + 200 + 80 + 4

901,488

nine hundred one thousand, four hundred eighty-eight

900,000 + 1,000 +400 + 80 + 8

3,842,029

three million, eight hundred forty-two thousand, twenty-nine

3,000,000 + 800,000 + 40,000 + 2,000 + 20 + 9

9,082,848

nine million, eighty-two thousand, eight hundred forty-eight

9,000,000 + 80,000 + 2,000 + 800 + 40 + 8

8,406,094

eight million, four hundred six thousand, ninety-four

8,000,000 + 400,000 + 6,000 + 90 + 4

8,090,909

eight million, ninety thousand, nine hundred nine

8,000,000 + 90,000 + 900 + 9

.829

eight hundred twenty-nine thousandths

.8 + .02 + .009

.0842

eight hundred forty-two ten-thousandths

.08 + .004 + .0002

2.658

two and six hundred fifty-eight thousandths

2 + .6 + .05 + .008

325.92

three hundred twenty-five and ninety-two hundredths

300 + 20 + 5 + .9 + .02

3,419.72

three thousand, four hundred nineteen and seventy-two hundredths

3,000 + 400 + 10 + 9 + .7 + .02

Name: _____

Fabulous Fall Math

Pick a direction card. Pick the number of striped cards to complete the directions. Write the problem and answer below.

1.	2.
3.	4.

Name: _____

Fabulous Fall Math
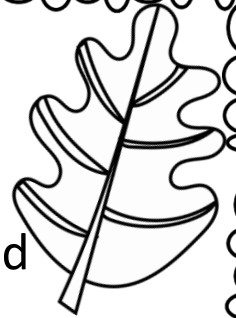
Pick a direction card. Pick the number of striped cards to complete the directions. Write the problem and answer below.

1.	2.
3.	4.
5.	6.

Name: _____

Fabulous Fall Math

Pick a direction card. Pick the number of pumpkin cards to complete the directions. Write the problem and answer below.

1.	2.
3.	4.
5.	6.
7.	8.

Pick two cards and add.

Pick two cards and subtract.

Pick three cards and add.
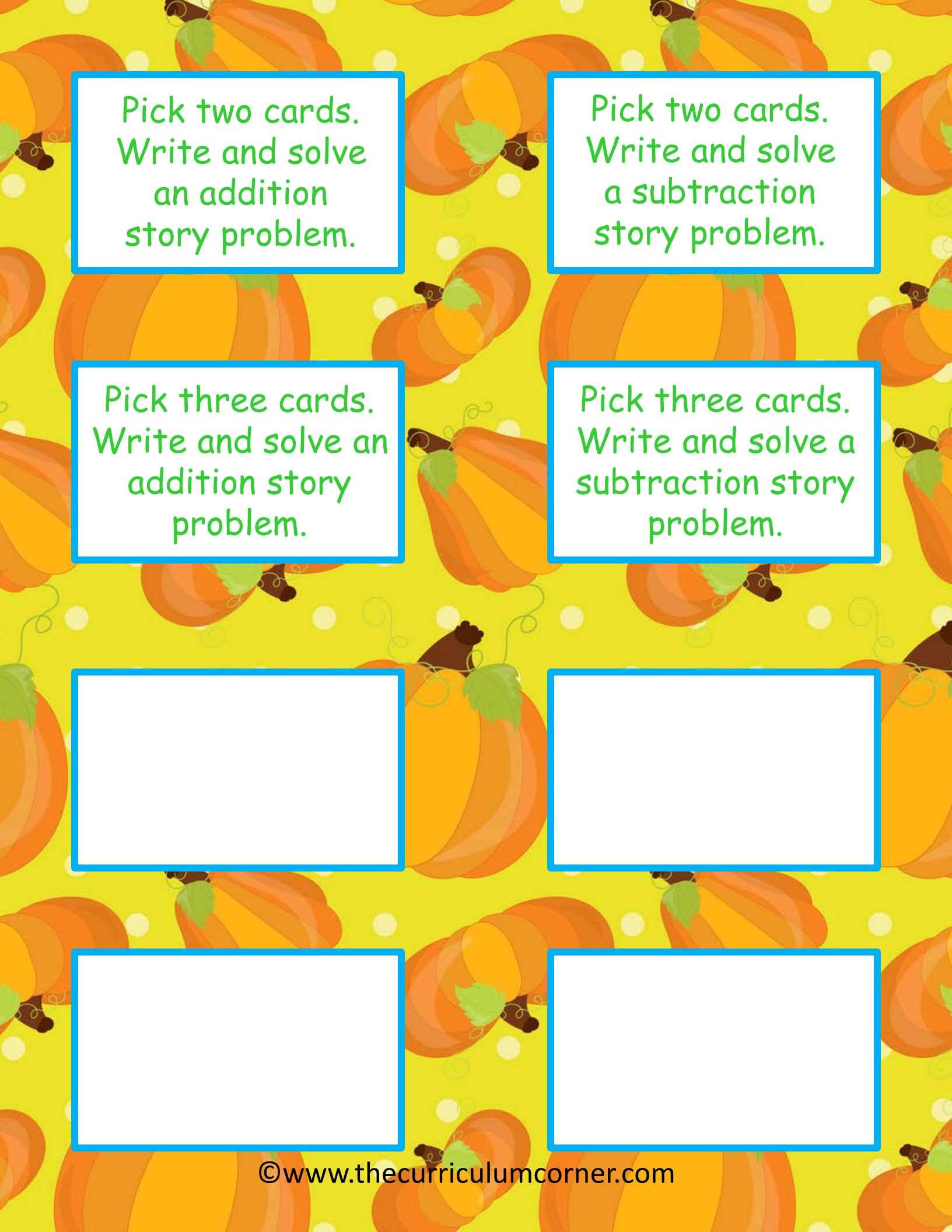
Pick two cards and multiply.

Pick two cards and divide.

Pick five cards and put them in order from least to greatest.

Pick five cards and put them in order from greatest to least.

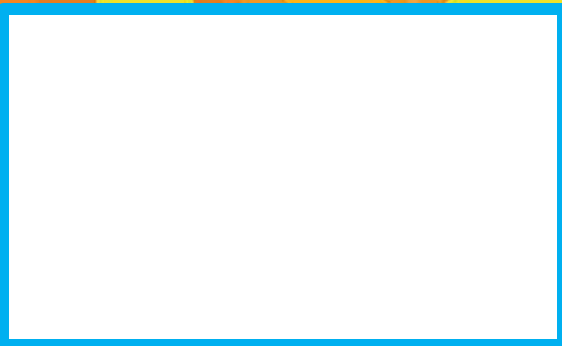Pick a card and round the number to the greatest place value.
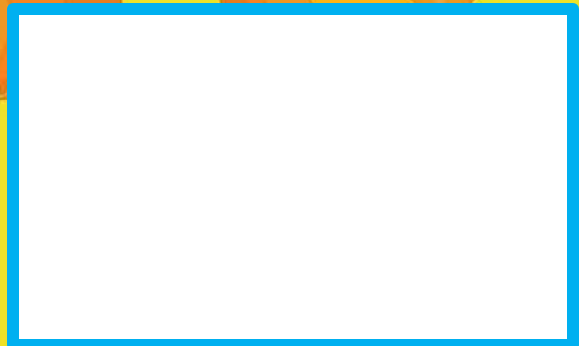
Pick two cards.
Write and solve
an addition
story problem.

Pick two cards.
Write and solve
a subtraction
story problem.

Pick three cards.
Write and solve an
addition story
problem.

Pick three cards.
Write and solve a
subtraction story
problem.

74	31
28	65
44	80
3	51

274

313

307

415

772

618

856

907

1,017	2,753
3,516	4,107
5,813	7,631
7,710	8,147

18,817	83,173
36,083	20,354
24,087	67,018
70,163	21,312

137,806	472,113
462,083	273,641
211,374	301,541
523,832	617,841

371.37

273.64

473.16

817.46

173.14

507.25

812.49

612.64

.746	1.147
31.743	371.640
3,311.74	3,471,842.74
173.4712	31.3710

5 more than a number t	t + 5
17 less than a number s	s - 17
84 divided by a number g	$\dfrac{84}{g}$
7 more tickets than a number m	m + 7

three times a number r	r x 3
the product of 8 and a number c	8 x c
the sum of a number m and 32	m + 32
6 more cookies than a number y	y + 6

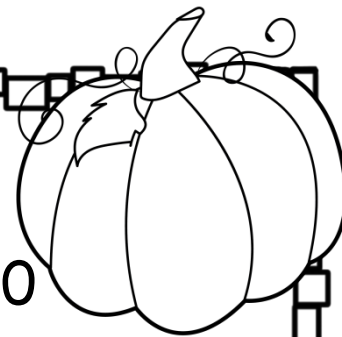|	
6 times a number w	$w \times 6$
4 inches less than a number c	$c - 4$
r fewer minutes than 14	$14 - r$
a number m divided by 8	$\dfrac{m}{8}$

Name: _____

.10 More & .10 Less

one tenth less	The number is...	one tenth more
	592.47	
	159.42	
	108.71	
	2,862.46	
	9,850.18	
	7,629.57	
	3,850.10	

Name: _____

.01 More & .01 Less

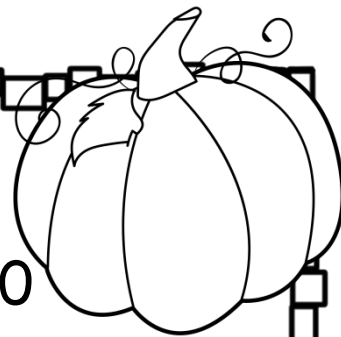| one tenth less	The number is...	one tenth more
	34.820	
	24.885	
	98.274	
	355.88	
	9,174.47	
	7,612.09	
	5,9276.64	

Name: _____

Multiplying Decimals by 10, 100 & 1,000

The Number Is	Multiply By 10...	Multiply by 100	Multiply By 1,000
4.8			
1.9			
.792			
47.184			
24.884			
4.12			
28.93			

Name: _____

Multiplying Decimals by 10, 100 & 1,000

The Number Is	Multiply By 10...	Multiply by 100	Multiply By 1,000
2.85			
3.57			
10.84			
67.46			
12.76			
54.38			
87.15			

1.

$$26 \times 84$$

2.

$$48 \times 27$$

3.

$$60 \times 37$$

4.

$$64 \times 71$$

5.

$$46 \times 34$$

6.

$$82 \times 35$$

7.

$$74 \times 22$$

8.

$$46 \times 30$$

9. 6,485
+3,869

10. 6,342
+2,753

11. 5,281
+ 641

12. 5,041
+2,972

13. 9,584
+2,973

14. 9,194
+3,726

15. 7,969
+2,439

16. 4,235
+1,764

17.

$$8,274$$
$$-5,428$$

18.

$$18,038$$
$$-9,339$$

19.

$$6,030$$
$$-3,457$$

20.

$$34,661$$
$$-3,922$$

21.

$$39,663$$
$$-17,812$$

22.

$$53,080$$
$$-37,633$$

23.

$$92,147$$
$$-57,159$$

24.

$$70,308$$
$$-22,558$$

25.
Our class collected 254 pinecones. Another class collected 329. About how many did we collect all together? (Round to the nearest hundred).

26.
My friend thinks there are six billion, four hundred twenty-seven million, three hundred eighty-nine thousand, two hundred sixty four leaves on the trees in the forest. Write that number in standard form.

27. Robert's school collected 16,843 acorns this year. Last year they collected 14,928 How many more did they collect this year?

28.
Paola's family owns an apple orchard. Saturday they made $2,284.74. Sunday they made $2,123.98. How much money did they make this weekend?

29.
If Jon buys a shirt for $21.48, a pair of pants for $30.84 and a jacket for $22.47?

30.
This year a pumpkin patch grew 1,472 pumpkins. Last year it grew 1,099. How many more pumpkins did it grow this year?

31. Evan poured 274 cups of apple cider and 318 cups of hot chocolate sell at the soccer game. He sold 243 cups of apple cider and 299 cups of hot chocolate. How many cups did he have left?

32. Your team scored 12 more points than its opponent. Write an expression that represents the number of points your team scored.

33. A famous football player earned $3,755,950 from an advertising campaign. Round that number to the nearest hundred thousand dollars.

34. Riley scored a 8.75 in a gymnastics event at the state meet. Deondra scored 0.235 more than Riley in the same event. What was Riley's score?

35. Olivia bought four bags of apples at the grocery. Each bag contained 11 apples. Emerson bought twice as many apples as Olivia. How many apples did Emerson buy?

36. A factory packs each large box with 14 pumpkins. How many pumpkins are in a shipment of 21 boxes?

Name: _____

1.	2.	3.
4.	5.	6.
7.	8.	9.
10.	11.	12.
13.	14.	15.
16.	17.	18.

Name: _____

19.	20.	21.
22.	23.	24.
25.	26.	27.
28.	29.	30.
31.	32.	33.
34.	35.	36.

Answer Key: Fabulous Fall Task Cards

1. 2,184	**2.** 1,296	**3.** 2,220
4. 4,544	**5.** 1,564	**6.** 2,870
7. 1,628	**8.** 1,380	**9.** 10,354
10. 9,095	**11.** 5,922	**12.** 8,013
13. 12,557	**14.** 12,920	**15.** 10,488
16. 5,999	**17.** 2,846	**18.** 8,699
19. 2,573	**20.** 30,739	**21.** 21,851
22. 15,447	**23.** 34,988	**24.** 47,750
25. 600	**26.** 6,427,389,264	**27.** 1,915
28. $4,408.72	**29.** $74.79	**30.** 373
31. 50 cups	**32.** *O + 12*	**33.** $3,800,000
34. 8,985	**35.** 88 apples	**36.** 294 pumpkins

Looking for a Pattern

Directions: Determine the pattern. Complete the grids.

.67		.69	

.32	.33		

.71			.74

.04		.06	

	.84	.85	

		.57	.58

.13	.22	.54	.28
.23			.38
		.74	
	.52		

.46		.79	
	.61	.89	
.66	.71		.53
			.63

Rounding Numbers

Directions: Round each number to the underlined digit.

4,682,482	3,580,137
846,992	58,201
2,075,382	87,912
751,583	7,031,573

Rounding Numbers

Directions: Round each number to the underlined digit.

8.381	.742
48.274	.078
21.852	3.985
80.921	77.357

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4,700,000	3,580,000	800,000
58,200	2,100,000	87,900
751,600	7,030,000	8.4
.74	48	.1
21.9	4	80.9
77	.08	2,080,000