

Challenge

Look for the Patterns

Use the hundred chart.

1	11	21	31	41	51	61	71	81	91
2	12	22	32	42	52	62	72	82	92
3	13	23	33	43	53	63	73	83	93
4	14	24	34	44	54	64	74	84	94
5	15	25	35	45	55	65	75	85	95
6	16	26	36	46	56	66	76	86	96
7	17	27	37	47	57	67	77	87	97
8	18	28	38	48	58	68	78	88	98
9	19	29	39	49	59	69	79	89	99
10	20	30	40	50	60	70	80	90	100

1. Look at the shaded numbers. Look at the circled numbers. What patterns do you see?

2. What patterns do you notice about the circled numbers?

3. Color to make a pattern of your own. Describe your pattern.

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3	13	23	33	43	53	63	73	83	93
4	14	24	34	44	54	64	74	84	94
5	15	25	35	45	55	65	75	85	95
6	16	26	36	46	56	66	76	86	96
7	17	27	37	47	57	67	77	87	97
8	18	28	38	48	58	68	78	88	98
9	19	29	39	49	59	69	79	89	99
10	20	30	40	50	60	70	80	90	100

1. Look at the shaded numbers. Look at the circled numbers. What patterns do you see?

The shaded numbers in each row increase by 1; the circled numbers in each column increase by 9.

2. What patterns do you notice about the circled numbers?

Possible responses: The digits in the ones place are 1 more or 1 less; the digits in the tens place increase or decrease by 1 ten.

3. Color to make a pattern of your own. Describe your pattern.

Check children's patterns. Responses will vary.

Challenge

Colorful Tens

Group the tens and ones.

Write the number.

Find the number on the hundred chart.

Then add ten.

Color that number the color shown in the box.

1	11	21	31	41	51	61	71	81	91
2	12	22	32	42	52	62	72	82	92
3	13	23	33	43	53	63	73	83	93
4	14	24	34	44	54	64	74	84	94
5	15	25	35	45	55	65	75	85	95
6	16	26	36	46	56	66	76	86	96
7	17	27	37	47	57	67	77	87	97
8	18	28	38	48	58	68	78	88	98
9	19	29	39	49	59	69	79	89	99
10	20	30	40	50	60	70	80	90	100

1 ten 16 ones red <u>26</u>
8 tens and 8 ones yellow _____
3 tens 10 ones green _____
7 tens and 18 ones yellow _____

6 tens 12 ones blue _____
4 tens and 16 ones orange _____
5 tens and 6 ones orange _____
2 tens 6 ones red _____

4 tens 0 ones green _____
6 tens and 4 ones purple _____
7 tens 2 ones blue _____
5 tens and 14 ones purple _____

Write About It What do you notice about the numbers you colored on the hundred chart?

Challenge

Colorful Tens

Group the tens and ones.

Write the number.

Find the number on the hundred chart.

Then add ten.

Color that number the color shown in the box.

Children should color as follows: (red) 36, (yellow) 98, (orange) 66, (green) 50, (purple) 74, (blue) 82

1	11	21	31	41	51	61	71	81	91
2	12	22	32	42	52	62	72	82	92
3	13	23	33	43	53	63	73	83	93
4	14	24	34	44	54	64	74	84	94
5	15	25	35	45	55	65	75	85	95
6	16	26	36	46	56	66	76	86	96
7	17	27	37	47	57	67	77	87	97
8	18	28	38	48	58	68	78	88	98
9	19	29	39	49	59	69	79	89	99
10	20	30	40	50	60	70	80	90	100

1 ten 16 ones red	<u>26</u>
8 tens and 8 ones yellow	<u>88</u>
3 tens 10 ones green	<u>40</u>
7 tens and 18 ones yellow	<u>88</u>

6 tens 12 ones blue	<u>72</u>
4 tens and 16 ones orange	<u>56</u>
5 tens and 6 ones orange	<u>56</u>
2 tens 6 ones red	<u>26</u>

4 tens 0 ones green	<u>40</u>
6 tens and 4 ones purple	<u>64</u>
7 tens 2 ones blue	<u>72</u>
5 tens and 14 ones purple	<u>64</u>

Write About It What do you notice about the numbers you colored on the hundred chart?

They are all even numbers.

Challenge**Numbers Three Ways**

Make both sides equal. Write the word name for the number.

Word Name

1. 3 tens 5 ones = _____ tens 15 ones _____

2. _____ tens 12 ones = 5 tens _____ ones _____

3. _____ tens 18 ones = 7 tens _____ ones _____

4. 8 tens 9 ones = _____ tens 19 ones _____

5. 5 tens _____ ones = _____ tens 2 ones _____

6. 4 tens 4 ones = _____ tens 14 ones _____

7. 6 tens _____ ones = _____ tens 13 ones _____

8. 9 tens 1 one = _____ tens _____ ones _____

Challenge

Numbers Three Ways

Make both sides equal. Write the word name for the number.

Word Name

1. 3 tens 5 ones = 2 tens 15 ones

thirty-five

2. 4 tens 12 ones = 5 tens 2 ones

fifty-two

3. 6 tens 18 ones = 7 tens 8 ones

seventy-eight

4. 8 tens 9 ones = 7 tens 19 ones

eighty-nine

5. 5 tens 12 ones = 6 tens 2 ones

sixty-two

6. 4 tens 4 ones = 3 tens 14 ones

forty-four

7. 6 tens 3 ones = 5 tens 13 ones

sixty-three

8. 9 tens 1 one = 8 tens 11 ones

ninety-one

Challenge

Follow the Decade Rules

Use the rule in the box. Add.

Number In	Rule	Number Out
90	+10	
40		
		30
		20

Number In	Rule	Number Out
80	+40	
		50
50		
		100

Number In	Rule	Number Out
70	+50	
		100
30		
10		

Write the rule.

Number In	Rule	Number Out
60		80
40		60
90		110
50		70

Number In	Rule	Number Out
10		70
60		120
30		90
50		110

Number In	Rule	Number Out
20		50
40		70
50		80
90		120

Use tens to think of an addition rule. Write the numbers.

Trade papers with a classmate. Find the rule.

Number In	Rule	Number Out

Number In	Rule	Number Out

Challenge

Follow the Decade Rules

Use the rule in the box. Add.

Number In	Rule	Number Out
90	+10	100
40		50
20		30
10		20

Number In	Rule	Number Out
80	+40	120
10		50
50		90
60		100

Number In	Rule	Number Out
70	+50	120
50		100
30		80
10		60

Write the rule.

Number In	Rule	Number Out
60	+20	80
40		60
90		110
50		70

Number In	Rule	Number Out
10	+60	70
60		120
30		90
50		110

Number In	Rule	Number Out
20	+30	50
40		70
50		80
90		120

Use tens to think of an addition rule. Write the numbers.

Trade papers with a classmate. Find the rule. **Check children's work.**

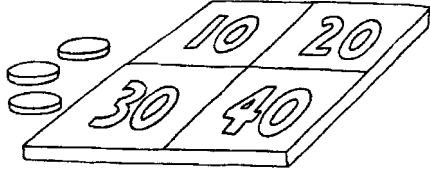
Number In	Rule	Number Out

Number In	Rule	Number Out

Challenge

Decade Toss

Mia, Steve, and Henry are playing Toss a Decade. They take turns tossing a counter on this board.



The winner has the most points after 3 tosses.

Fill in the missing numbers in the table.

Name	Toss 1	Toss 2	Toss 3	Total
Mia	10	30	40	
Steve	40	30		100
Henry		40	20	70

1. In toss 3, how many points were scored in all?

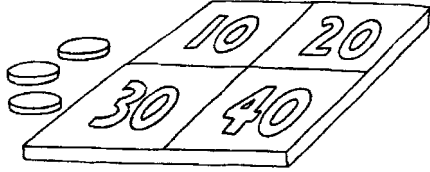
2. In which toss did each player have a different score?

3. **Explain Your Thinking** How is adding tens like adding ones?

Challenge

Decade Toss

Mia, Steve, and Henry are playing Toss a Decade. They take turns tossing a counter on this board.



The winner has the most points after 3 tosses.

Fill in the missing numbers in the table.

Name	Toss 1	Toss 2	Toss 3	Total
Mia	10	30	40	80
Steve	40	30	30	100
Henry	10	40	20	70

1. In toss 3, how many points were scored in all?

90

2. In which toss did each player have a different score?

Toss 3

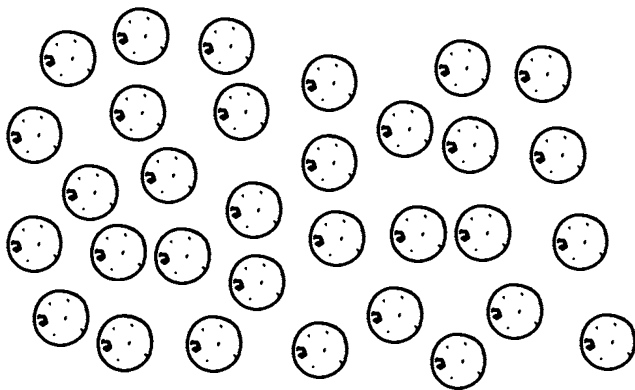
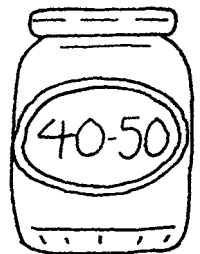
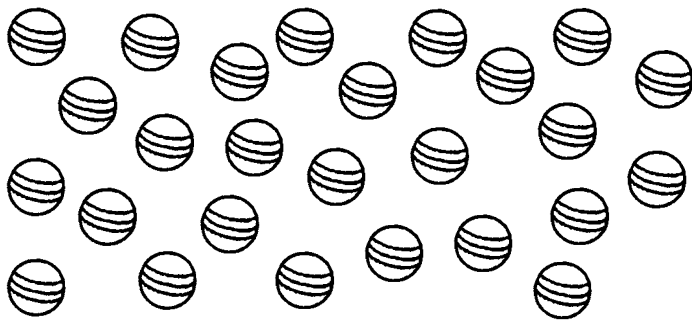
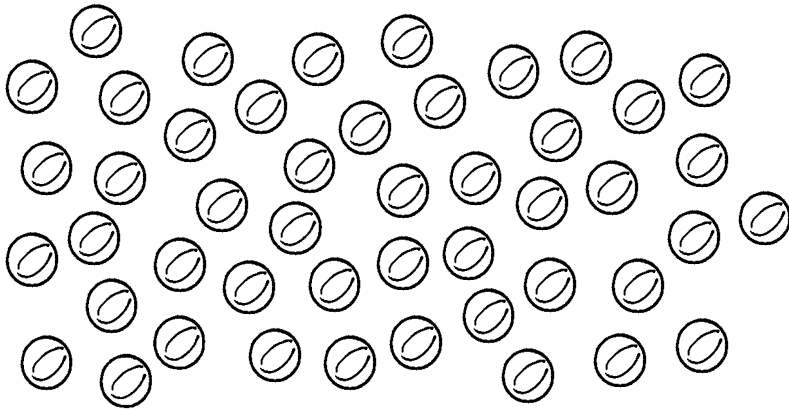
3. **Explain Your Thinking** How is adding tens like adding ones?

Possible response: Adding 40 + 20 is adding 4 tens + 2 tens.

Challenge

Where Do They Belong?

These tiny toys fell out of their jars. Estimate using tens.
Match the toys to their jars.

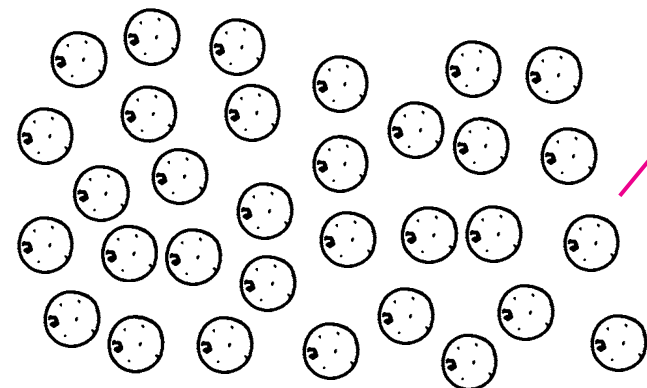
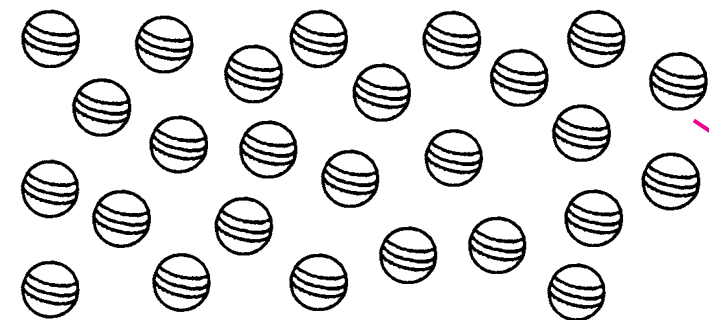
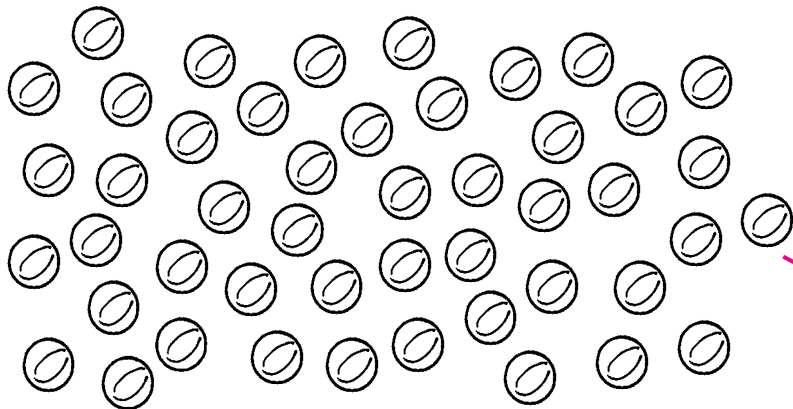


Write About It What do you notice about each estimate you made and the size of the jar the toys went with?

Challenge

Where Do They Belong?

These tiny toys fell out of their jars. Estimate using tens.
Match the toys to their jars.



Write About It What do you notice about each estimate you made and the size of the jar the toys went with?

Possible response: If the estimate was bigger, the jar was bigger.

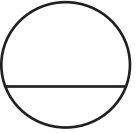
Challenge

See How It All Adds Up

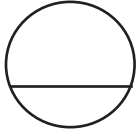
Add across. Add down.

The total is the same in both directions.

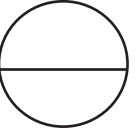
1.

20	43	_____
10	20	_____
30	63	

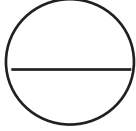
2.

39	20	_____
20	10	_____
59	30	

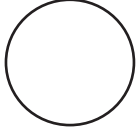
3.

28	20	_____
10	30	_____
38	50	

4.

20	_____	36
_____	10	50
60	26	

5. **Write About It** Write an addition puzzle just like the ones you solved. Be sure the numbers you use make a total that is the same when they are added down and across. Have a classmate solve your problem.

Challenge

See How It All Adds Up

Add across. Add down.

The total is the same in both directions.

1.

20	43	<u>63</u>
10	20	<u>30</u>
30	63	<u>93</u>

2.

39	20	<u>59</u>
20	10	<u>30</u>
59	30	<u>89</u>

3.

28	20	<u>48</u>
10	30	<u>40</u>
38	50	<u>88</u>

4.

20	<u>16</u>	36
<u>40</u>	10	50
60	26	<u>86</u>

5. **Write About It** Write an addition puzzle just like the ones you solved. Be sure the numbers you use make a total that is the same when they are added down and across. Have a classmate solve your problem.

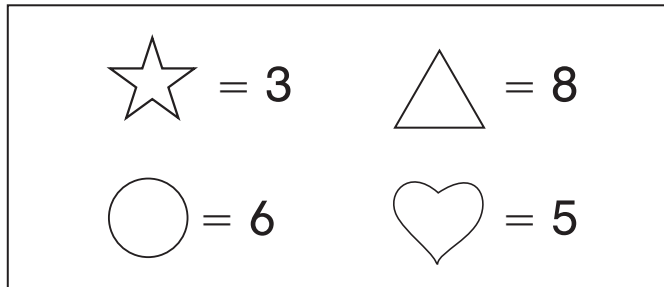
Check students' puzzles.

		<u> </u>

Challenge

Secret Code

Use the key below to solve each addition exercise.







Find each total.

1. 2  +  4 = _____

2. 2  + 4  = _____

Draw the shape in the ones or tens place that makes each equation true.

3. 3 _____ + 1 _____ = 2  +  1

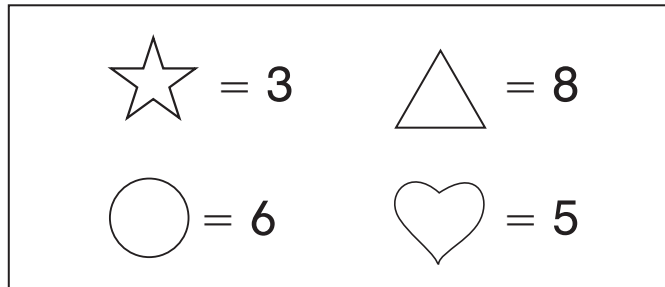
4. 4 _____ + _____ 2 = 7  + 2 

5. **Create Your Own** Use the key to write your own addition equation. Have a classmate solve it.

Challenge

Secret Code

Use the key below to solve each addition exercise.



Find each total.

1. $2 \text{ } \star + \text{ } \heartsuit 4 = \underline{\text{77}}$

2. $2 \text{ } \heartsuit + 4 \text{ } \star = \underline{\text{68}}$

Draw the shape in the ones or tens place that makes each equation true. **Possible answers given.**

3. $3 \text{ } \underline{\quad} + 1 \text{ } \underline{\triangle} = 2 \text{ } \star + \star 1$

4. $4 \text{ } \underline{\triangle} + \underline{\heartsuit} 2 = 7 \text{ } \heartsuit + 2 \text{ } \heartsuit$

5. **Create Your Own** Use the key to write your own addition equation. Have a classmate solve it.

Equations will vary.

Challenge

Flying High

Riddle: I help carry people high above the ground.

What am I?

Add.

1. $\begin{array}{r} 45 \\ + 72 \\ \hline \end{array}$	2. $\begin{array}{r} 287 \\ + 38 \\ \hline \end{array}$	3. $\begin{array}{r} 73 \\ + 48 \\ \hline \end{array}$	4. $\begin{array}{r} 66 \\ + 58 \\ \hline \end{array}$
5. $\begin{array}{r} 91 \\ + 54 \\ \hline \end{array}$	6. $\begin{array}{r} 69 \\ + 48 \\ \hline \end{array}$	7. $\begin{array}{r} 271 \\ + 71 \\ \hline \end{array}$	8. $\begin{array}{r} 84 \\ + 17 \\ \hline \end{array}$
9. $\begin{array}{r} 69 \\ + 124 \\ \hline \end{array}$	10. $\begin{array}{r} 257 \\ + 68 \\ \hline \end{array}$	11. $\begin{array}{r} 195 \\ + 147 \\ \hline \end{array}$	12. $\begin{array}{r} 335 \\ + 163 \\ \hline \end{array}$

Find your answers in the code box.

Write the letters to solve the riddle.

A	L	W	I	P	G	E	N	R
117	145	193	325	124	498	101	342	121

Answer:

1 2 3 4 5 6 7 8

9 10 11 12

Challenge

Flying High

Riddle: I help carry people high above the ground.

What am I?

Add.

1. $\begin{array}{r} 45 \\ + 72 \\ \hline 117 \end{array}$	2. $\begin{array}{r} 287 \\ + 38 \\ \hline 325 \end{array}$	3. $\begin{array}{r} 73 \\ + 48 \\ \hline 121 \end{array}$	4. $\begin{array}{r} 66 \\ + 58 \\ \hline 124 \end{array}$
5. $\begin{array}{r} 91 \\ + 54 \\ \hline 145 \end{array}$	6. $\begin{array}{r} 69 \\ + 48 \\ \hline 117 \end{array}$	7. $\begin{array}{r} 271 \\ + 71 \\ \hline 342 \end{array}$	8. $\begin{array}{r} 84 \\ + 17 \\ \hline 101 \end{array}$
9. $\begin{array}{r} 69 \\ + 124 \\ \hline 193 \end{array}$	10. $\begin{array}{r} 257 \\ + 68 \\ \hline 325 \end{array}$	11. $\begin{array}{r} 195 \\ + 147 \\ \hline 342 \end{array}$	12. $\begin{array}{r} 335 \\ + 163 \\ \hline 498 \end{array}$

Find your answers in the code box.

Write the letters to solve the riddle.

A	L	W	I	P	G	E	N	R
117	145	193	325	124	498	101	342	121

Answer: **A** **I** **R** **P** **L** **A** **N** **E**

 1 2 3 4 5 6 7 8

 W **I** **N** **G**

 9 10 11 12

Challenge

Hidden Hundreds

Using mental math can help you find the partners for 700.

$$1 + 6 = 7 \text{ so } 100 + 600 = 700$$

Ring the partners for each total. You can only go across or down.

1. Total: **500**

200	300	100
400	300	100
100	400	500
300	200	800

2. Total: **900**

600	500	800
300	400	700
100	800	200
200	700	900

3. Total: **800**

400	200	600
100	400	400
300	500	200
900	300	300

4. Total: **400**

200	300	900
200	800	300
300	100	100
500	200	200

5. **Explore It** Look at these numbers: 200, 500, 100, 400, 300. Which 3 numbers have a total of 700?

Challenge

Hidden Hundreds

Using mental math can help you find the partners for 700.

$$1 + 6 = 7 \text{ so } 100 + 600 = 700$$

Ring the partners for each total. You can only go across or down.

1. Total: 500

200	300	100
400	300	100
100	400	500
300	200	800

2. Total: 900

600	500	800
300	400	700
100	800	200
200	700	900

3. Total: 800

400	200	600
100	400	400
300	500	200
900	300	300

4. Total: 400

200	300	900
200	800	300
300	100	100
500	200	200

5. **Explore It** Look at these numbers: 200, 500, 100, 400, 300. Which 3 numbers have a total of 700?

200, 100, 400

Challenge

Surprise Object

Riddle: I have a trunk but I cannot pack anything in it.
What am I?

Use any method to solve. Ring the letter above the exercises where grouping is needed. Write the ringed letters above the matching totals in the code.

$\begin{array}{r} A \quad 19 \\ + 36 \\ \hline \end{array}$	$\begin{array}{r} R \quad 224 \\ + 72 \\ \hline \end{array}$	$\begin{array}{r} E \quad 25 \\ + 57 \\ \hline \end{array}$	$\begin{array}{r} P \quad 26 \\ + 54 \\ \hline \end{array}$
$\begin{array}{r} K \quad 44 \\ + 132 \\ \hline \end{array}$	$\begin{array}{r} L \quad 67 \\ + 25 \\ \hline \end{array}$	$\begin{array}{r} C \quad 135 \\ + 154 \\ \hline \end{array}$	$\begin{array}{r} T \quad 18 \\ + 43 \\ \hline \end{array}$
$\begin{array}{r} N \quad 74 \\ + 16 \\ \hline \end{array}$	$\begin{array}{r} H \quad 45 \\ + 338 \\ \hline \end{array}$	$\begin{array}{r} V \quad 41 \\ + 43 \\ \hline \end{array}$	$\begin{array}{r} E \quad 228 \\ + 234 \\ \hline \end{array}$

Answer: _____
 82 92 462 80 383 55 90 61

Write About It How can you tell that grouping will be needed in an addition equation?

Challenge

Surprise Object

Riddle: I have a trunk but I cannot pack anything in it.
What am I?

Use any method to solve. Ring the letter above the exercises where grouping is needed. Write the ringed letters above the matching totals in the code.

$\begin{array}{r} \textcircled{A} \quad 19 \\ + 36 \\ \hline 55 \end{array}$	$\begin{array}{r} R \quad 224 \\ + 72 \\ \hline 296 \end{array}$	$\begin{array}{r} \textcircled{E} \quad 25 \\ + 57 \\ \hline 82 \end{array}$	$\begin{array}{r} \textcircled{P} \quad 26 \\ + 54 \\ \hline 80 \end{array}$
$\begin{array}{r} K \quad 44 \\ + 132 \\ \hline 176 \end{array}$	$\begin{array}{r} \textcircled{L} \quad 67 \\ + 25 \\ \hline 92 \end{array}$	$\begin{array}{r} C \quad 135 \\ + 154 \\ \hline 289 \end{array}$	$\begin{array}{r} \textcircled{T} \quad 18 \\ + 43 \\ \hline 61 \end{array}$
$\begin{array}{r} \textcircled{N} \quad 74 \\ + 16 \\ \hline 90 \end{array}$	$\begin{array}{r} \textcircled{H} \quad 45 \\ + 338 \\ \hline 383 \end{array}$	$\begin{array}{r} V \quad 41 \\ + 43 \\ \hline 84 \end{array}$	$\begin{array}{r} \textcircled{E} \quad 228 \\ + 234 \\ \hline 462 \end{array}$

Answer: $\frac{E}{82}$ $\frac{L}{92}$ $\frac{E}{462}$ $\frac{P}{80}$ $\frac{H}{383}$ $\frac{A}{55}$ $\frac{N}{90}$ $\frac{T}{61}$

Write About It How can you tell that grouping will be needed in an addition equation?

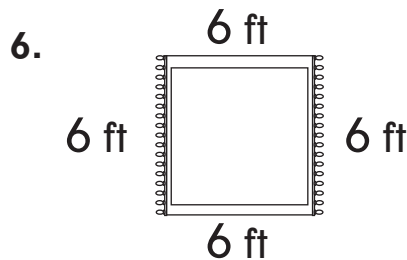
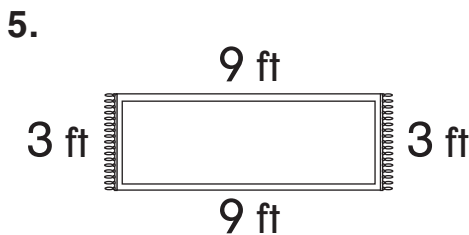
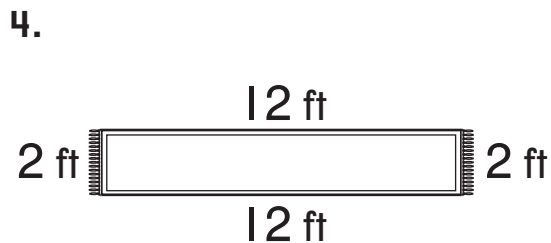
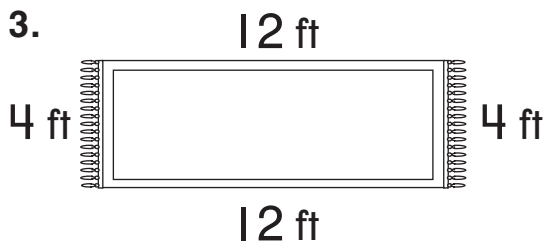
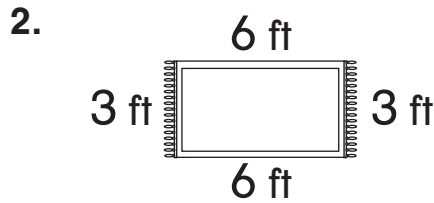
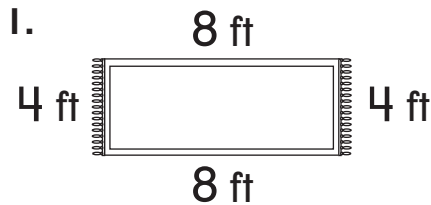
Answers will vary. Possible answer: If any of the places in an addition equation add to more than 9, grouping will be needed.

Challenge

Lots of Rugs, One Perimeter

Mrs. Ramsey bought a rug with a perimeter of 24 feet.

Find the perimeter of each rug below. Ring each rug that has the same perimeter as Mrs. Ramsey's rug.

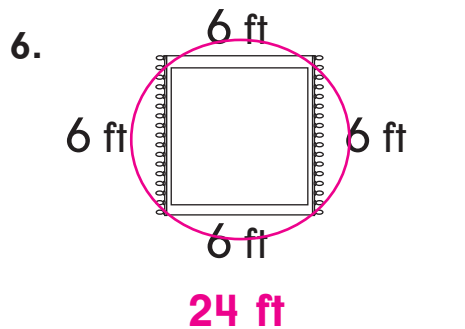
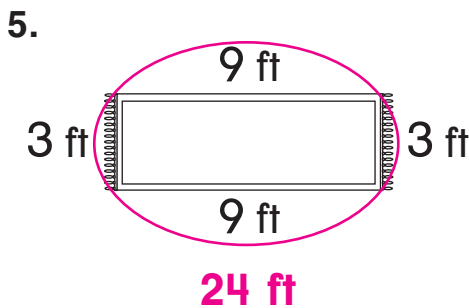
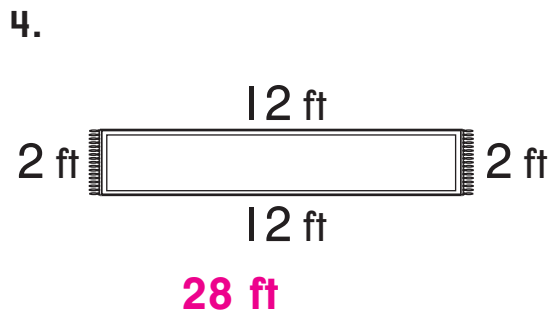
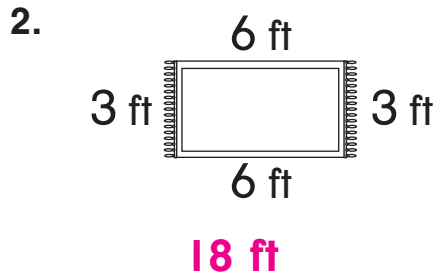
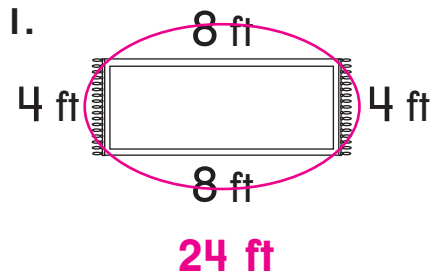


Challenge

Lots of Rugs, One Perimeter

Mrs. Ramsey bought a rug with a perimeter of 24 feet.

Find the perimeter of each rug below. Ring each rug that has the same perimeter as Mrs. Ramsey's rug.



Challenge

Coin Values

Write the total value of the coins.

1.	Pennies	Nickels	Dimes	
	4	3	3	_____ ¢

2. How did you find the total value of the coins?

First, I _____

Next, I _____

Then, I _____

Write the total value of the coins.

	Nickels	Dimes	Pennies	Total Value
3.	3	1	2	_____ ¢
4.	2	5	4	_____ ¢
5.	1	6	3	_____ ¢

6. **Explore It** Gina made a table showing what coins she collected. She forgot to label which coins were dimes, nickels, and pennies.

2	5	7

What is the greatest value of coins she can have? _____ ¢

What is the least value of coins she can have? _____ ¢

Challenge

Coin Values

Write the total value of the coins.

1.	Pennies	Nickels	Dimes	
	4	3	3	<u>49</u> ¢

2. How did you find the total value of the coins?

Answers may vary. Possible answers:

First, I **counted the dimes: 10¢, 20¢, 30¢.**

Next, I **counted on from 30¢ with the nickels: 35¢, 40¢, 45¢.**

Then, I **counted on with the pennies: 46¢, 47¢, 48¢, 49¢.**

Write the total value of the coins.

	Nickels	Dimes	Pennies	Total Value
3.	3	1	2	<u>27</u> ¢
4.	2	5	4	<u>64</u> ¢
5.	1	6	3	<u>68</u> ¢

6. **Explore It** Gina made a table showing what coins she collected. She forgot to label which coins were dimes, nickels, and pennies.

2	5	7

What is the greatest value of coins she can have? 97 ¢

What is the least value of coins she can have? 52 ¢

Challenge

Skip, Skip, Skip Count

Complete each counting box.

Then write the skip-counting pattern you used.

<p>1.</p> <div style="border: 1px solid black; padding: 5px;"> <p style="text-align: center;">10</p> <p style="text-align: center;">↓</p> <p style="text-align: center;">12</p> <p style="text-align: center;">14</p> <p style="text-align: center;">16</p> <p style="text-align: center;">_____</p> <p style="text-align: center;">_____</p> <p style="text-align: center;">22</p> <p style="text-align: center;">_____</p> <p style="text-align: center;">_____</p> <p style="text-align: center;">28</p> <p>I skip counted by _____.</p> </div>	<p>2.</p> <div style="border: 1px solid black; padding: 5px;"> <p style="text-align: center;">20</p> <p style="text-align: center;">↓</p> <p style="text-align: center;">25</p> <p style="text-align: center;">30</p> <p style="text-align: center;">_____</p> <p style="text-align: center;">40</p> <p style="text-align: center;">45</p> <p style="text-align: center;">50</p> <p style="text-align: center;">_____</p> <p style="text-align: center;">_____</p> <p style="text-align: center;">_____</p> <p style="text-align: center;">_____</p> <p>I skip counted by _____.</p> </div>	<p>3.</p> <div style="border: 1px solid black; padding: 5px;"> <p style="text-align: center;">63</p> <p style="text-align: center;">↓</p> <p style="text-align: center;">66</p> <p style="text-align: center;">69</p> <p style="text-align: center;">72</p> <p style="text-align: center;">_____</p> <p style="text-align: center;">78</p> <p style="text-align: center;">81</p> <p style="text-align: center;">_____</p> <p style="text-align: center;">87</p> <p style="text-align: center;">_____</p> <p>I skip counted by _____.</p> </div>	<p>4.</p> <div style="border: 1px solid black; padding: 5px;"> <p style="text-align: center;">20</p> <p style="text-align: center;">↓</p> <p style="text-align: center;">24</p> <p style="text-align: center;">28</p> <p style="text-align: center;">_____</p> <p style="text-align: center;">36</p> <p style="text-align: center;">40</p> <p style="text-align: center;">44</p> <p style="text-align: center;">_____</p> <p style="text-align: center;">52</p> <p style="text-align: center;">_____</p> <p>I skip counted by _____.</p> </div>
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5. **Write About It** What two numbers come before 20 in counting box 2? How do you know?

Challenge

Skip, Skip, Skip Count

Complete each counting box.

Then write the skip-counting pattern you used.

1.	10 ↓ 12 14 16 <u>18</u> <u>20</u> 22 <u>24</u> <u>26</u> 28 I skip counted by <u>2</u> .	2.	20 ↓ 25 30 <u>35</u> 40 45 50 <u>55</u> <u>60</u> <u>65</u> I skip counted by <u>5</u> .	3.	63 ↓ 66 69 72 <u>75</u> 78 81 <u>84</u> 87 <u>90</u> I skip counted by <u>3</u> .	4.	20 ↓ 24 28 <u>32</u> 36 40 44 <u>48</u> 52 <u>56</u> I skip counted by <u>4</u> .
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5. **Write About It** What two numbers come before 20 in counting box 2? How do you know?

10 and 15. I skip counted by 5, so I can subtract 20

minus 5 equals 15, then subtract 15 minus 5 equals 10.

Challenge

Numbers Rule

Complete the number sequence for each rule.

1. $n + 5$

3, _____, _____, _____, _____, _____, _____

2. $n - 4$

50, _____, _____, _____, _____, _____, _____

3. $n + 7$

32, _____, _____, _____, _____, _____, _____

Find the rule for each number sequence.

4. _____

11, 17, 23, 29, 35, 41, 47

5. _____

97, 87, 77, 67, 57, 47, 37

6. _____

67, 75, 83, 91, 99, 107, 115

Challenge

Numbers Rule

Complete the number sequence for each rule.

1. $n + 5$

3, 8, 13, 18, 23, 28, 33

2. $n - 4$

50, 46, 42, 38, 34, 30, 26

3. $n + 7$

32, 39, 46, 53, 60, 67, 74

Find the rule for each number sequence.

4. $n + 6$

11, 17, 23, 29, 35, 41, 47

5. $n - 10$

97, 87, 77, 67, 57, 47, 37

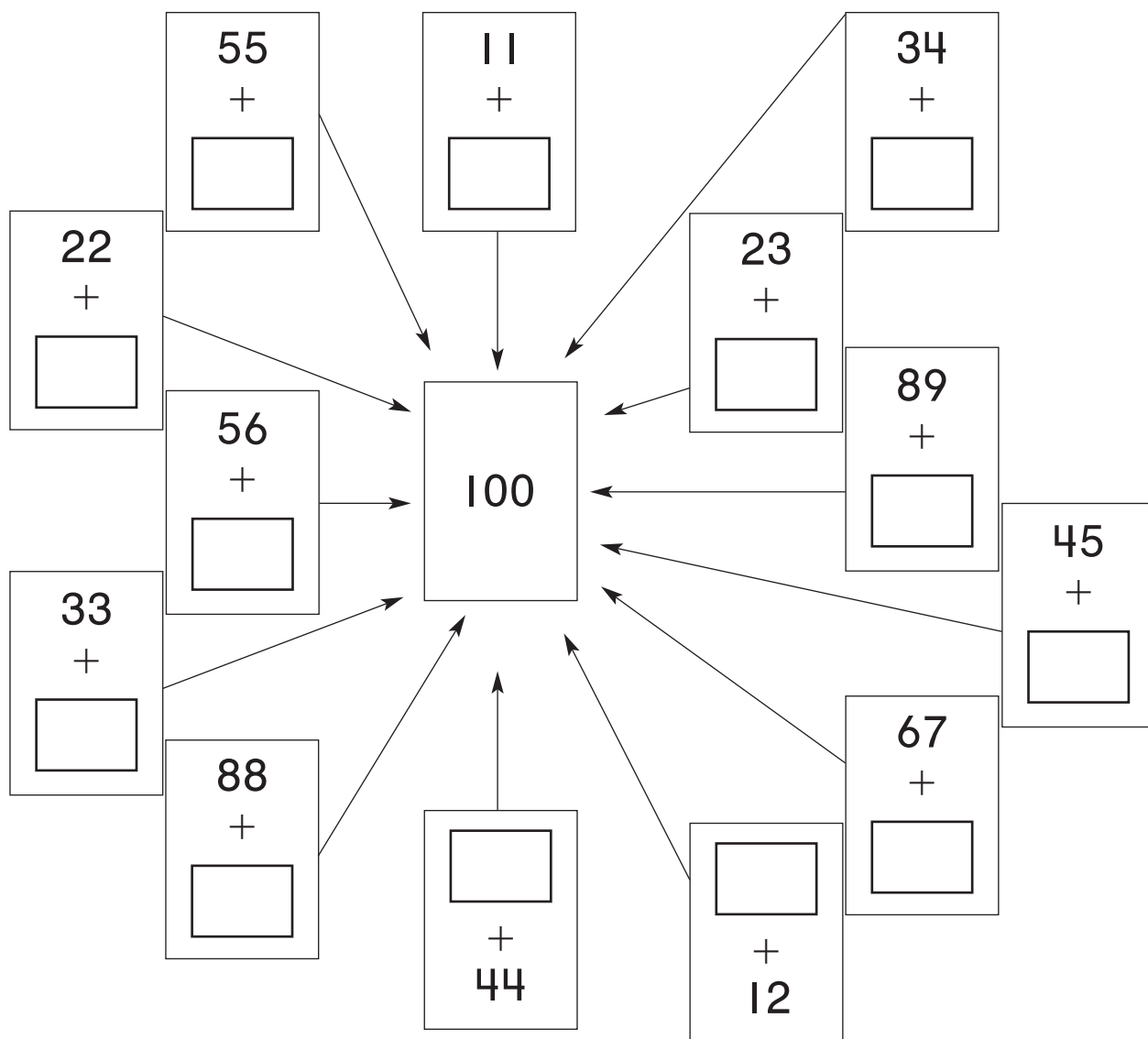
6. $n + 8$

67, 75, 83, 91, 99, 107, 115

Challenge

Ways to Make 100

Add. Find each missing partner of 100.



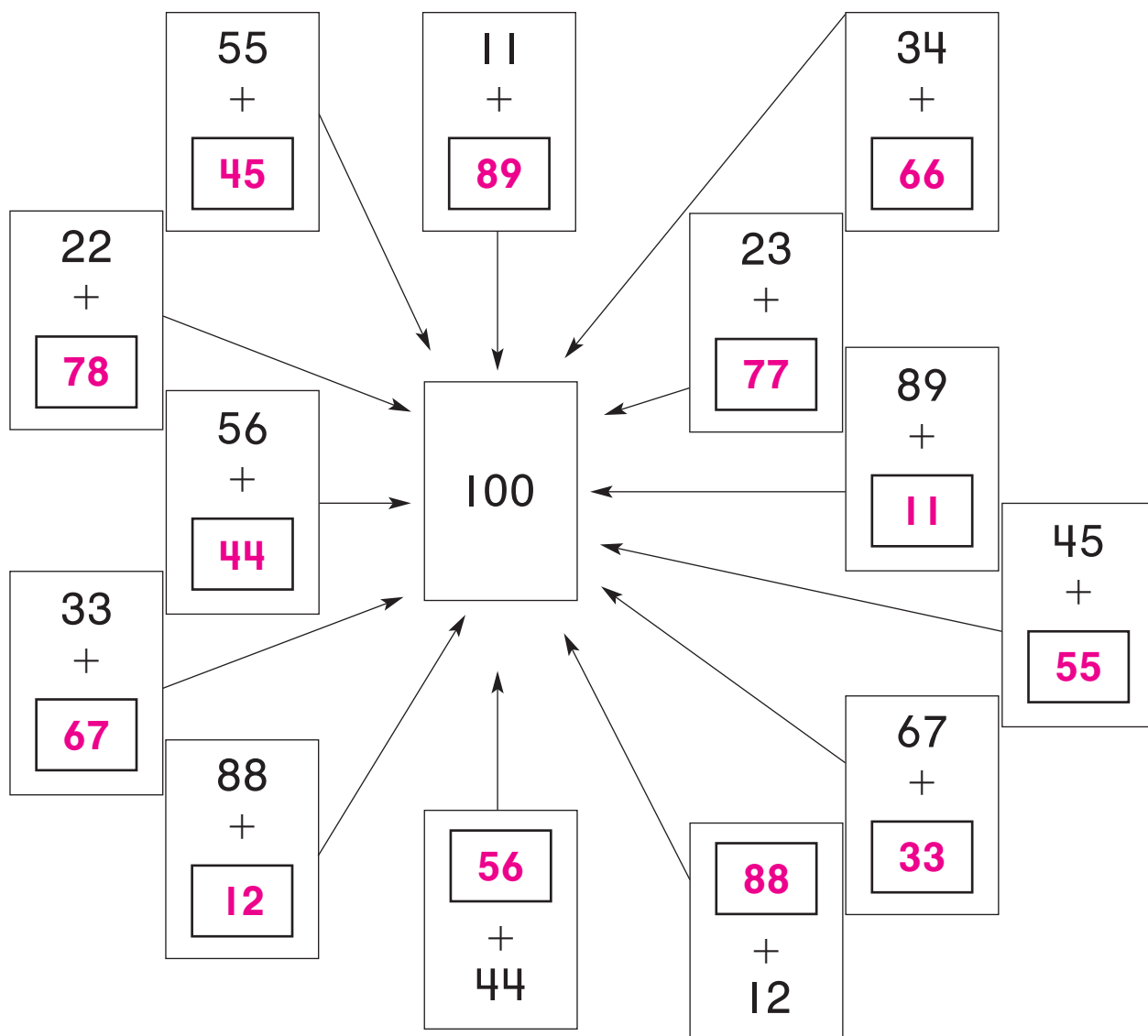
Use the puzzle to finish this pattern.

11	22	<input style="width: 40px; height: 20px;" type="text"/>	44	<input style="width: 40px; height: 20px;" type="text"/>	<input style="width: 40px; height: 20px;" type="text"/>	<input style="width: 40px; height: 20px;" type="text"/>	88
+ 89	+ 78	+ 67	+ <input style="width: 40px; height: 20px;" type="text"/>	+ <input style="width: 40px; height: 20px;" type="text"/>	+ 34	+ 23	+ <input style="width: 40px; height: 20px;" type="text"/>
100	100	100	100	100	100	100	100

Challenge

Ways to Make 100

Add. Find each missing partner of 100.



Use the puzzle to finish this pattern.

11	22	$\boxed{33}$	44	$\boxed{55}$	$\boxed{66}$	$\boxed{77}$	88
$+ 89$	$+ 78$	$+ 67$	$+ \boxed{56}$	$+ \boxed{45}$	$+ 34$	$+ 23$	$+ \boxed{12}$
100	100	100	100	100	100	100	100