

G2 Templates

Module 7
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• Practice Sets: Grade 2 Fluency Differentiated • Template: 1 animal card from animal cards per pair
Lesson 2
• Template 1: Vertical and horizontal picture graphs • Template 2: Vertical picture graph
Lesson 3
• Sprint: Addition and Subtraction by 5 • Template 1: 1 Number of Books Read picture graph • Template 2: Horizontal and vertical bar graphs
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• Sprint: Skip-Counting by 5 • Template: Favorite animals bar graph
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Lesson 8
• Sprint: Adding Across a Ten
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Lesson 23
• Sprint: Subtraction Patterns
Lesson 24
• Meter strip (Template)
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Lesson 1

Name _____

Date _____

1.	$10 + 2 =$	21.	$7 + 9 =$
2.	$10 + 7 =$	22.	$5 + 8 =$
3.	$10 + 5 =$	23.	$3 + 9 =$
4.	$4 + 10 =$	24.	$8 + 6 =$
5.	$6 + 11 =$	25.	$7 + 4 =$
6.	$12 + 2 =$	26.	$9 + 5 =$
7.	$14 + 3 =$	27.	$6 + 6 =$
8.	$13 + 5 =$	28.	$8 + 3 =$
9.	$17 + 2 =$	29.	$7 + 6 =$
10.	$12 + 6 =$	30.	$6 + 9 =$
11.	$11 + 9 =$	31.	$8 + 7 =$
12.	$2 + 16 =$	32.	$9 + 9 =$
13.	$15 + 4 =$	33.	$5 + 7 =$
14.	$5 + 9 =$	34.	$8 + 4 =$
15.	$9 + 2 =$	35.	$6 + 5 =$
16.	$4 + 9 =$	36.	$9 + 7 =$
17.	$9 + 6 =$	37.	$6 + 8 =$
18.	$8 + 9 =$	38.	$2 + 9 =$
19.	$7 + 8 =$	39.	$9 + 8 =$
20.	$8 + 8 =$	40.	$7 + 7 =$

Name _____

Date _____

1.	$10 + 6 =$	21.	$3 + 8 =$
2.	$10 + 9 =$	22.	$9 + 4 =$
3.	$7 + 10 =$	23.	$\underline{\hspace{1cm}} + 6 = 11$
4.	$3 + 10 =$	24.	$\underline{\hspace{1cm}} + 9 = 13$
5.	$5 + 11 =$	25.	$8 + \underline{\hspace{1cm}} = 14$
6.	$12 + 8 =$	26.	$7 + \underline{\hspace{1cm}} = 15$
7.	$14 + 3 =$	27.	$\underline{\hspace{1cm}} = 4 + 8$
8.	$13 + \underline{\hspace{1cm}} = 19$	28.	$\underline{\hspace{1cm}} = 8 + 9$
9.	$15 + \underline{\hspace{1cm}} = 18$	29.	$\underline{\hspace{1cm}} = 6 + 4$
10.	$12 + 5 =$	30.	$3 + 9 =$
11.	$\underline{\hspace{1cm}} = 2 + 17$	31.	$5 + 7 =$
12.	$\underline{\hspace{1cm}} = 3 + 13$	32.	$8 + \underline{\hspace{1cm}} = 14$
13.	$\underline{\hspace{1cm}} = 16 + 2$	33.	$\underline{\hspace{1cm}} = 5 + 9$
14.	$9 + 3 =$	34.	$8 + 8 =$
15.	$6 + 9 =$	35.	$\underline{\hspace{1cm}} = 7 + 9$
16.	$\underline{\hspace{1cm}} + 5 = 14$	36.	$\underline{\hspace{1cm}} = 8 + 4$
17.	$\underline{\hspace{1cm}} + 7 = 13$	37.	$17 = 8 + \underline{\hspace{1cm}}$
18.	$\underline{\hspace{1cm}} + 8 = 12$	38.	$19 = \underline{\hspace{1cm}} + 9$
19.	$8 + 7 =$	39.	$12 = \underline{\hspace{1cm}} + 7$
20.	$7 + 6 =$	40.	$15 = 8 + \underline{\hspace{1cm}}$

Name _____

Date _____

1.	$13 - 3 =$	21.	$16 - 8 =$
2.	$19 - 9 =$	22.	$14 - 5 =$
3.	$15 - 10 =$	23.	$16 - 7 =$
4.	$18 - 10 =$	24.	$15 - 7 =$
5.	$12 - 2 =$	25.	$17 - 8 =$
6.	$11 - 10 =$	26.	$18 - 9 =$
7.	$17 - 13 =$	27.	$15 - 6 =$
8.	$20 - 10 =$	28.	$13 - 8 =$
9.	$14 - 11 =$	29.	$14 - 6 =$
10.	$16 - 12 =$	30.	$12 - 5 =$
11.	$11 - 3 =$	31.	$11 - 7 =$
12.	$13 - 2 =$	32.	$13 - 8 =$
13.	$14 - 2 =$	33.	$16 - 9 =$
14.	$13 - 4 =$	34.	$12 - 8 =$
15.	$12 - 3 =$	35.	$16 - 12 =$
16.	$11 - 4 =$	36.	$18 - 15 =$
17.	$12 - 5 =$	37.	$15 - 14 =$
18.	$14 - 5 =$	38.	$17 - 11 =$
19.	$11 - 2 =$	39.	$19 - 13 =$
20.	$12 - 4 =$	40.	$20 - 12 =$

Name _____

Date _____

1.	$17 - 7 =$	21.	$16 - 7 =$
2.	$14 - 10 =$	22.	$17 - 8 =$
3.	$19 - 11 =$	23.	$18 - 7 =$
4.	$16 - 10 =$	24.	$14 - 6 =$
5.	$17 - 12 =$	25.	$17 - 8 =$
6.	$15 - 13 =$	26.	$12 - 8 =$
7.	$12 - 3 =$	27.	$14 - 7 =$
8.	$20 - 11 =$	28.	$15 - 8 =$
9.	$18 - 11 =$	29.	$13 - 5 =$
10.	$13 - 5 =$	30.	$16 - 8 =$
11.	$\underline{\hspace{1cm}} = 11 - 2$	31.	$14 - 9 =$
12.	$\underline{\hspace{1cm}} = 12 - 4$	32.	$15 - 6 =$
13.	$\underline{\hspace{1cm}} = 13 - 5$	33.	$13 - 6 =$
14.	$\underline{\hspace{1cm}} = 12 - 3$	34.	$\underline{\hspace{1cm}} = 13 - 8$
15.	$\underline{\hspace{1cm}} = 11 - 4$	35.	$\underline{\hspace{1cm}} = 15 - 7$
16.	$\underline{\hspace{1cm}} = 13 - 2$	36.	$\underline{\hspace{1cm}} = 18 - 9$
17.	$\underline{\hspace{1cm}} = 11 - 3$	37.	$\underline{\hspace{1cm}} = 20 - 14$
18.	$17 - 8 =$	38.	$\underline{\hspace{1cm}} = 20 - 7$
19.	$14 - 6 =$	39.	$\underline{\hspace{1cm}} = 20 - 11$
20.	$16 - 9 =$	40.	$\underline{\hspace{1cm}} = 20 - 8$

Name _____

Date _____

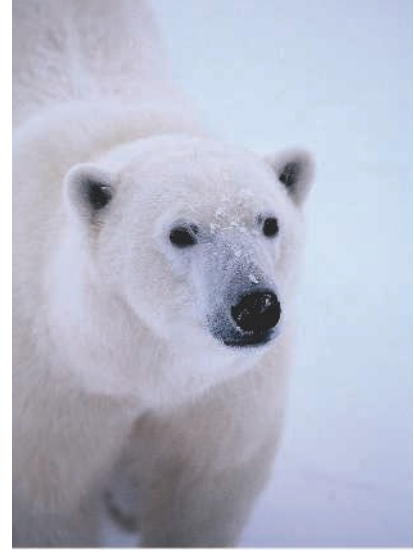
1.	$11 + 9 =$	21.	$13 - 7 =$
2.	$13 + 5 =$	22.	$11 - 8 =$
3.	$14 + 3 =$	23.	$15 - 6 =$
4.	$12 + 7 =$	24.	$12 + 7 =$
5.	$5 + 9 =$	25.	$14 + 3 =$
6.	$8 + 8 =$	26.	$8 + 12 =$
7.	$14 - 7 =$	27.	$5 + 7 =$
8.	$13 - 5 =$	28.	$8 + 9 =$
9.	$16 - 7 =$	29.	$7 + 5 =$
10.	$17 - 9 =$	30.	$13 - 6 =$
11.	$14 - 6 =$	31.	$14 - 8 =$
12.	$18 - 5 =$	32.	$12 - 9 =$
13.	$9 + 9 =$	33.	$11 - 3 =$
14.	$7 + 6 =$	34.	$14 - 5 =$
15.	$3 + 9 =$	35.	$13 - 8 =$
16.	$6 + 7 =$	36.	$8 + 5 =$
17.	$8 + 5 =$	37.	$4 + 7 =$
18.	$13 - 8 =$	38.	$7 + 8 =$
19.	$16 - 9 =$	39.	$4 + 9 =$
20.	$14 - 8 =$	40.	$20 - 8 =$

**African Penguin**

The African penguin lays 2 eggs at a time.

**Clown Anemonefish**

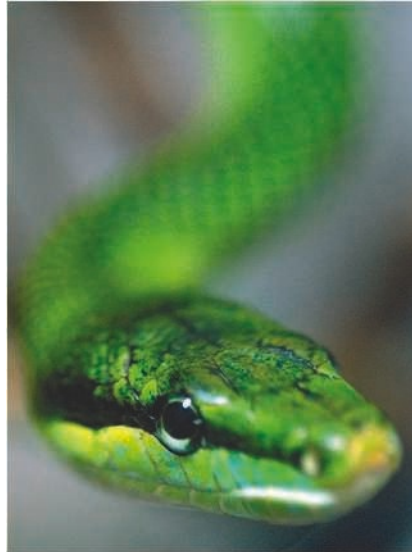
The clown anemonefish has scales, fins, and gills.

**Polar Bear**

The polar bear's thick coat of insulated fur protects against the Arctic cold.

**Barn Owl**

The barn owl usually lays 4-7 eggs at a time.

**Rough Green Snake**

Rough green snakes lay 4-12 sticky eggs under a flat stone or log.

**Seahorse**

Male seahorses carry eggs in brood pouches. They swim using a small fin on their backs.

animal cards

**Arctic Fox**

The female Arctic fox can give birth to a litter of up to 14 pups.

**Bottlenose Dolphin**

Dolphins have lungs. They breathe air through a blowhole at the top of the head.

**Brown Bear**

Brown bear mothers give birth to cubs during hibernation. They don't even have to wake up!

**Rabbit**

Mother rabbits feed their babies milk once or twice a day.

**Leopard Gecko**

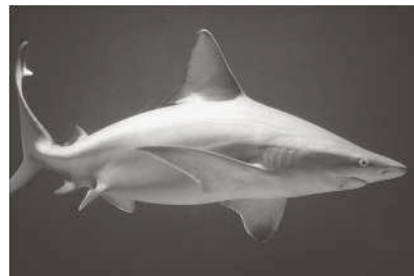
Leopard geckos are cold-blooded and absorb sunlight for warmth.

**Green Iguana**

Green iguanas often live in trees but come to the ground to lay eggs.

**California Mountain King Snake**

This snake is a cold-blooded animal with scales.

**Bull Shark**

Bull sharks' gills allow them to live in the shallow, warm waters of the ocean.

animal cards

**Brown Field Mouse**

Female field mice give birth to 4-7 babies at a time.

**British Robin**

Females lay 4-6 pale blue speckled eggs in a nest in the spring.

**Rooster**

These warm-blooded creatures are known for crowing at dawn.

**Orca Whale**

A baby orca, or calf, is born tailfirst and may weigh about 400 pounds.

**Sea Turtle**

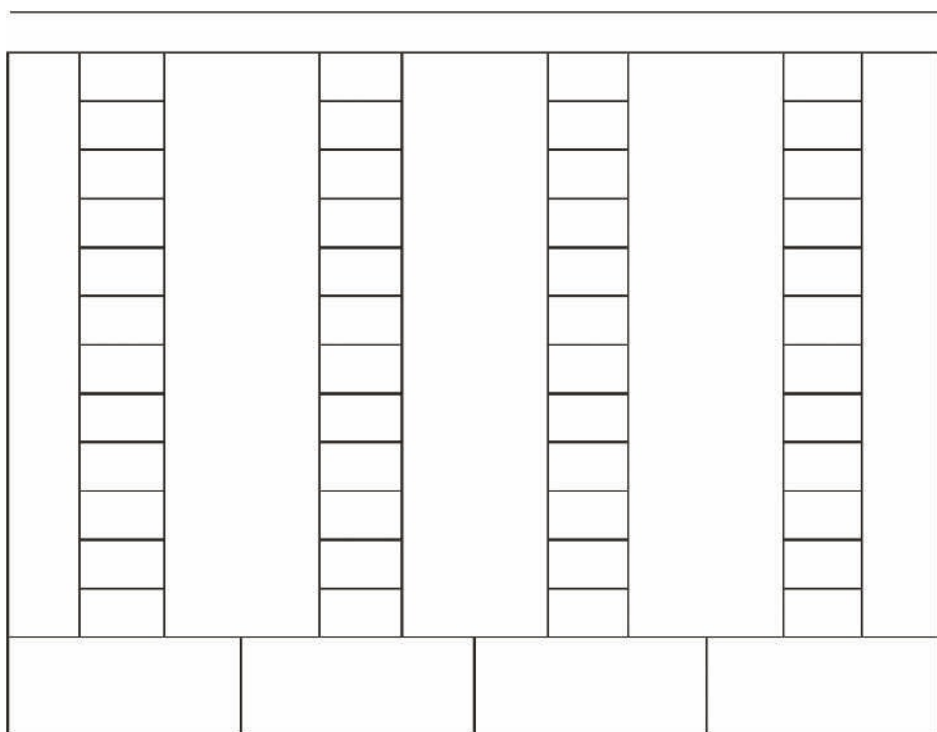
Females lay eggs in a nesting hole in the sand.

**Baby Harp Seal**

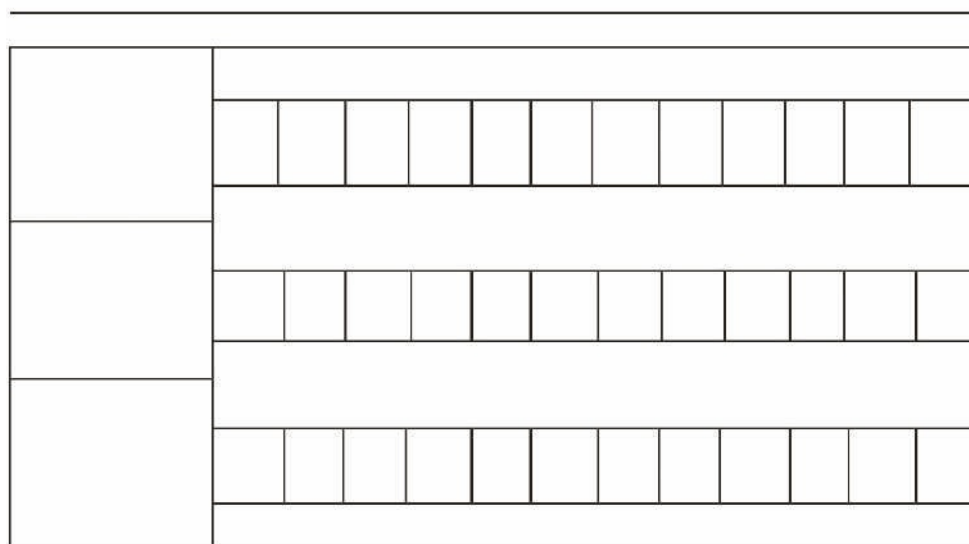
Seal mothers give birth in the spring and can identify their babies by their smell.

animal cards

Lesson 2



Legend: _____



Legend: _____

vertical and horizontal picture graphs

Legend: _____

vertical picture graph

Lesson 3

A

Number Correct: _____

Addition and Subtraction by 5

1.	$0 + 5 =$	
2.	$5 + 5 =$	
3.	$10 + 5 =$	
4.	$15 + 5 =$	
5.	$20 + 5 =$	
6.	$25 + 5 =$	
7.	$30 + 5 =$	
8.	$35 + 5 =$	
9.	$40 + 5 =$	
10.	$45 + 5 =$	
11.	$50 - 5 =$	
12.	$45 - 5 =$	
13.	$40 - 5 =$	
14.	$35 - 5 =$	
15.	$30 - 5 =$	
16.	$25 - 5 =$	
17.	$20 - 5 =$	
18.	$15 - 5 =$	
19.	$10 - 5 =$	
20.	$5 - 5 =$	
21.	$5 + 0 =$	
22.	$5 + 5 =$	

23.	$10 + 5 =$	
24.	$15 + 5 =$	
25.	$20 + 5 =$	
26.	$25 + 5 =$	
27.	$30 + 5 =$	
28.	$35 + 5 =$	
29.	$40 + 5 =$	
30.	$45 + 5 =$	
31.	$0 + 50 =$	
32.	$50 + 50 =$	
33.	$50 + 5 =$	
34.	$55 + 5 =$	
35.	$60 - 5 =$	
36.	$55 - 5 =$	
37.	$60 + 5 =$	
38.	$65 + 5 =$	
39.	$70 - 5 =$	
40.	$65 - 5 =$	
41.	$100 + 50 =$	
42.	$150 + 50 =$	
43.	$200 - 50 =$	
44.	$150 - 50 =$	

B

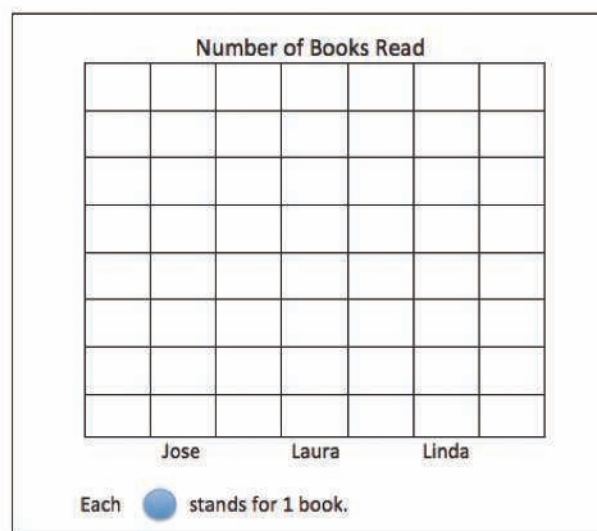
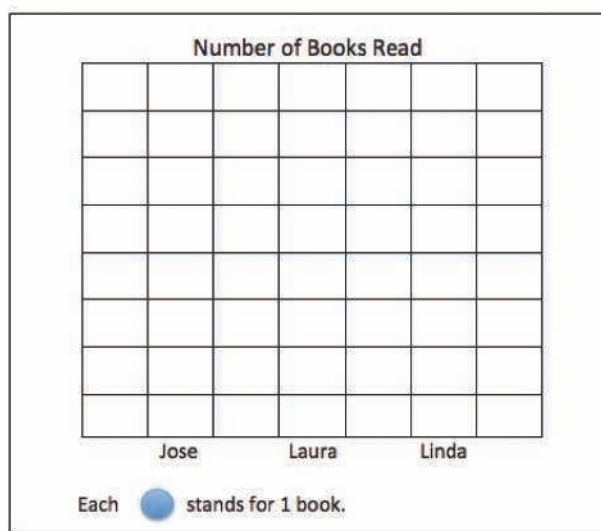
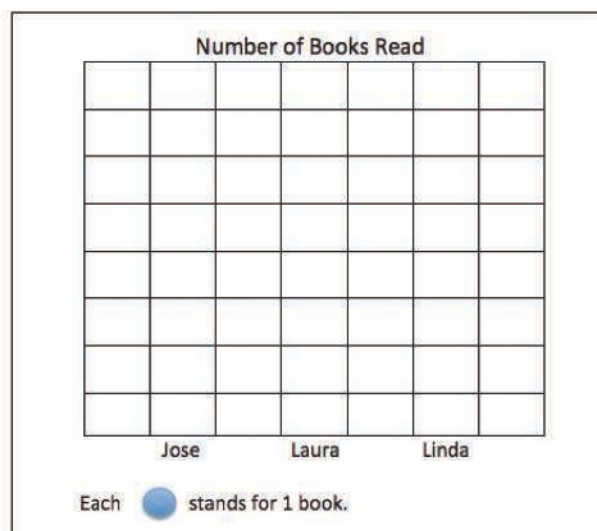
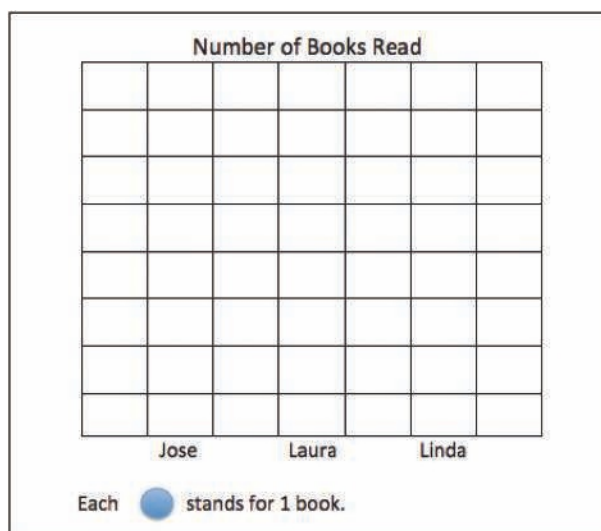
Addition and Subtraction by 5

Number Correct: _____

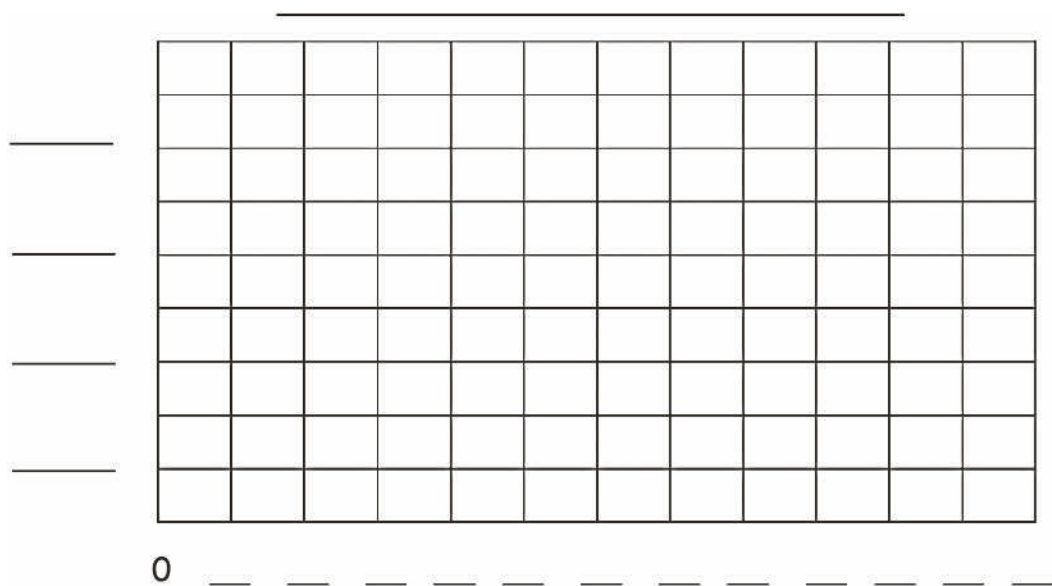
Improvement: _____

1.	$5 + 0 =$	
2.	$5 + 5 =$	
3.	$5 + 10 =$	
4.	$5 + 15 =$	
5.	$5 + 20 =$	
6.	$5 + 25 =$	
7.	$5 + 30 =$	
8.	$5 + 35 =$	
9.	$5 + 40 =$	
10.	$5 + 45 =$	
11.	$50 - 5 =$	
12.	$45 - 5 =$	
13.	$40 - 5 =$	
14.	$35 - 5 =$	
15.	$30 - 5 =$	
16.	$25 - 5 =$	
17.	$20 - 5 =$	
18.	$15 - 5 =$	
19.	$10 - 5 =$	
20.	$5 - 5 =$	
21.	$0 + 5 =$	
22.	$5 + 5 =$	

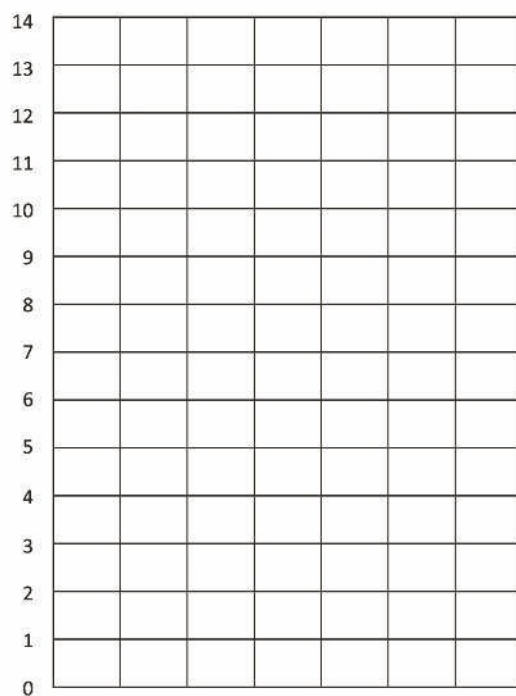
23.	$10 + 5 =$	
24.	$15 + 5 =$	
25.	$20 + 5 =$	
26.	$25 + 5 =$	
27.	$30 + 5 =$	
28.	$35 + 5 =$	
29.	$40 + 5 =$	
30.	$45 + 5 =$	
31.	$50 + 0 =$	
32.	$50 + 50 =$	
33.	$5 + 50 =$	
34.	$5 + 55 =$	
35.	$60 - 5 =$	
36.	$55 - 5 =$	
37.	$5 + 60 =$	
38.	$5 + 65 =$	
39.	$70 - 5 =$	
40.	$65 - 5 =$	
41.	$50 + 100 =$	
42.	$50 + 150 =$	
43.	$200 - 50 =$	
44.	$150 - 50 =$	



Number of books read picture graphs



Title: _____



horizontal and vertical bar graphs

Lesson 4

A

Number Correct: _____

Skip-Counting by 5

1.	0, 5, __	
2.	5, 10, __	
3.	10, 15, __	
4.	15, 20, __	
5.	20, 25, __	
6.	25, 30, __	
7.	30, 35, __	
8.	35, 40, __	
9.	40, 45, __	
10.	50, 45, __	
11.	45, 40, __	
12.	40, 35, __	
13.	35, 30, __	
14.	30, 25, __	
15.	25, 20, __	
16.	20, 15, __	
17.	15, 10, __	
18.	0, __, 10	
19.	25, __, 35	
20.	5, __, 15	
21.	30, __, 40	
22.	10, __, 20	

23.	35, __, 45	
24.	15, __, 25	
25.	40, __, 50	
26.	25, __, 15	
27.	50, __, 40	
28.	20, __, 10	
29.	45, __, 35	
30.	15, __, 5	
31.	40, __, 30	
32.	10, __, 0	
33.	35, __, 25	
34.	__, 10, 5	
35.	__, 35, 30	
36.	__, 15, 10	
37.	__, 40, 35	
38.	__, 20, 15	
39.	__, 45, 40	
40.	50, 55, __	
41.	45, 50, __	
42.	65, __, 55	
43.	55, 60, __	
44.	60, 65, __	

B

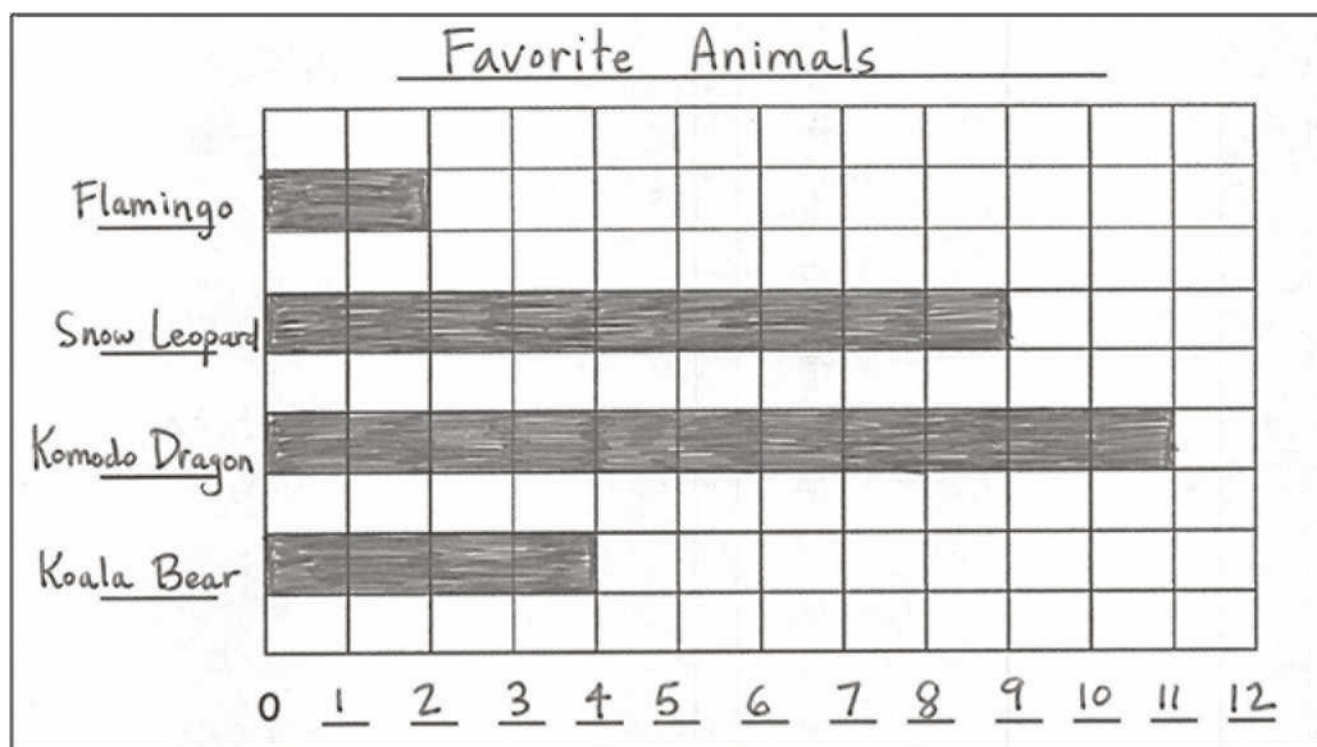
Skip-Counting by 5

Number Correct: _____

Improvement: _____

1.	5, 10, __	
2.	10, 15, __	
3.	15, 20, __	
4.	20, 25, __	
5.	25, 30, __	
6.	30, 35, __	
7.	35, 40, __	
8.	40, 45, __	
9.	50, 45, __	
10.	45, 40, __	
11.	40, 35, __	
12.	35, 30, __	
13.	30, 25, __	
14.	25, 20, __	
15.	20, 15, __	
16.	15, 10, __	
17.	0, __, 10	
18.	25, __, 35	
19.	5, __, 15	
20.	30, __, 40	
21.	10, __, 20	
22.	35, __, 45	

23.	15, __, 25	
24.	35, __, 45	
25.	30, __, 20	
26.	25, __, 15	
27.	50, __, 40	
28.	20, __, 10	
29.	45, __, 35	
30.	15, __, 5	
31.	35, __, 25	
32.	10, __, 0	
33.	35, __, 25	
34.	__, 15, 10	
35.	__, 40, 35	
36.	__, 20, 15	
37.	__, 45, 40	
38.	__, 10, 5	
39.	__, 35, 30	
40.	45, 50, __	
41.	50, 55, __	
42.	55, 60, __	
43.	65, __, 55	
44.	__, 60, 55	



favorite animals bar graph

Lesson 5

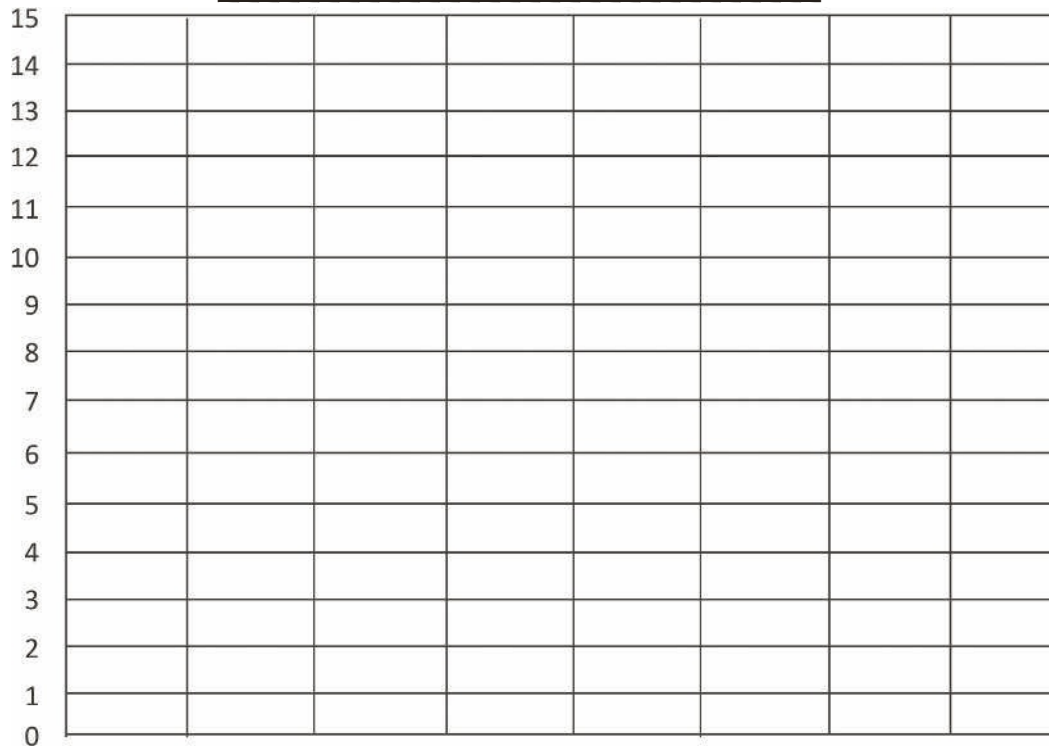
Name _____

Date _____

Callista saved pennies. Use the table to complete the bar graph. Then, answer the following questions.

Pennies Saved			
Saturday	Sunday	Monday	Tuesday
15	10	4	7

Title: _____



- How many pennies did Callista save in all? _____
- Her sister saved 18 fewer pennies. How many pennies did her sister save? _____
- How much more money did Callista save on Saturday than on Monday and Tuesday? _____
- How will the data change if Callista doubles the amount of money she saved on Sunday? _____
- Write a comparison question that can be answered using the data on the bar graph.

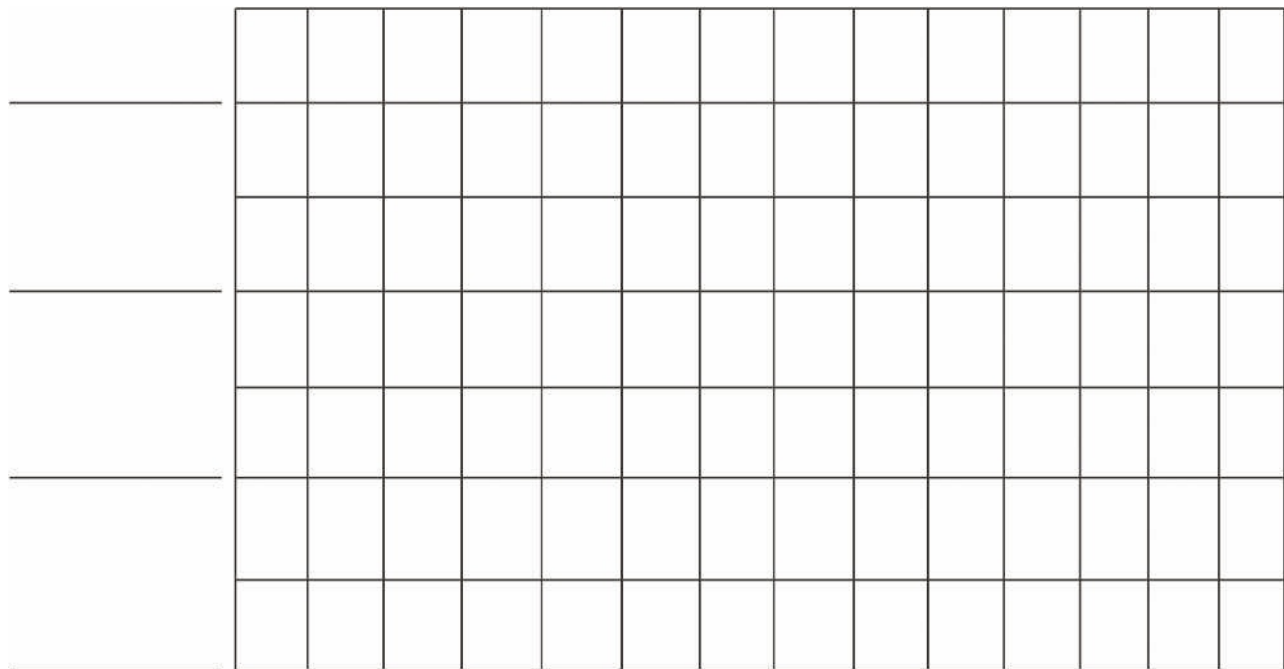
Name _____

Date _____

A group of friends counted their nickels. Use the table to complete the bar graph. Then, answer the following questions.

Amount of Nickels			
Annie	Scarlett	Remy	LaShay
5	11	8	14

Title: _____



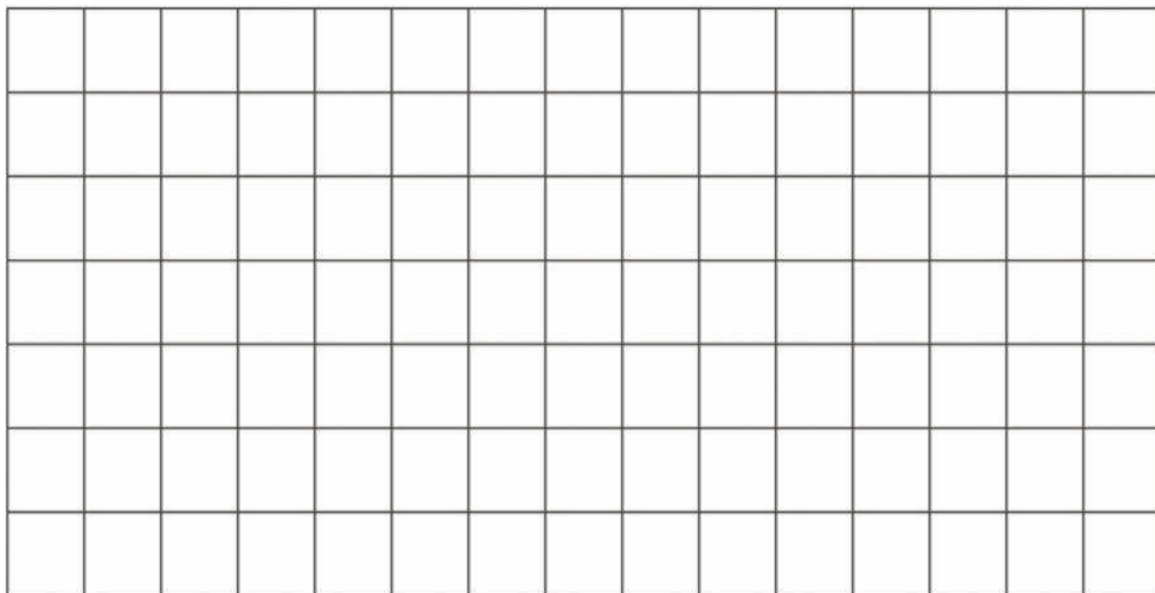
0 _____

- How many nickels do the children have in all? _____
- What is the total value of Annie's and Remy's coins? _____
- How many fewer nickels does Remy have than LaShay? _____
- Who has less money, Annie and Scarlett or Remy and LaShay? _____
- Write a comparison question that can be answered using the data on the bar graph.

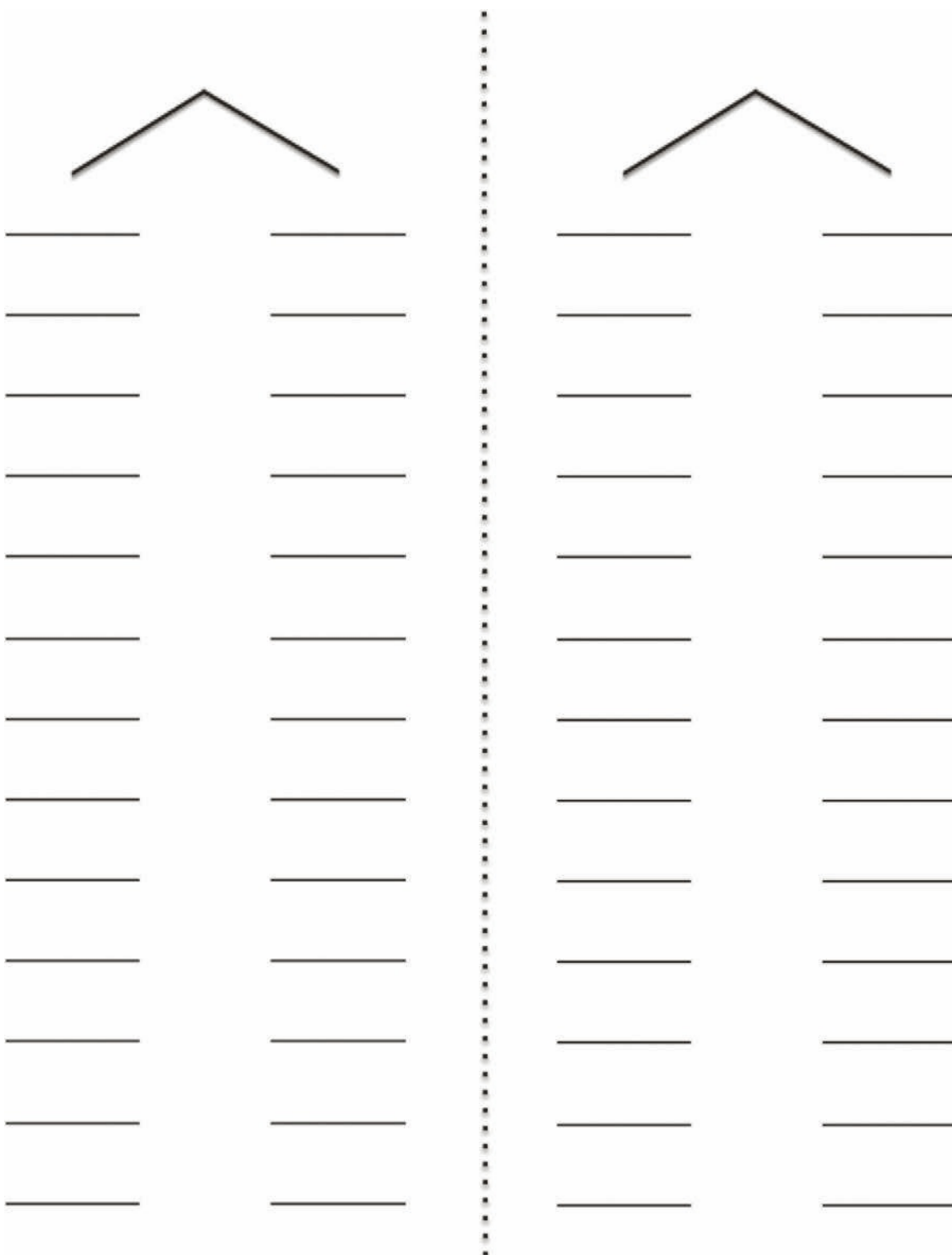
Name _____

Date _____

1. Design a survey, and collect the data.
2. Label and fill in the table.
3. Use the table to label and complete the bar graph.
4. Write questions based on the graph, and then let students use your graphs to answer them.
 - a. _____
 - b. _____
 - c. _____
 - d. _____



Lesson 6



decomposition tree

Lesson 7

A

Number Correct: _____

Subtraction Across a Ten

1.	$10 - 3 =$	
2.	$11 - 3 =$	
3.	$12 - 3 =$	
4.	$10 - 2 =$	
5.	$11 - 2 =$	
6.	$10 - 5 =$	
7.	$11 - 5 =$	
8.	$12 - 5 =$	
9.	$14 - 5 =$	
10.	$10 - 4 =$	
11.	$11 - 4 =$	
12.	$12 - 4 =$	
13.	$13 - 4 =$	
14.	$10 - 7 =$	
15.	$11 - 7 =$	
16.	$12 - 7 =$	
17.	$15 - 7 =$	
18.	$10 - 6 =$	
19.	$11 - 6 =$	
20.	$12 - 6 =$	
21.	$14 - 6 =$	
22.	$10 - 9 =$	

23.	$11 - 9 =$	
24.	$12 - 9 =$	
25.	$17 - 9 =$	
26.	$10 - 8 =$	
27.	$11 - 8 =$	
28.	$12 - 8 =$	
29.	$16 - 8 =$	
30.	$10 - 6 =$	
31.	$13 - 6 =$	
32.	$15 - 6 =$	
33.	$10 - 7 =$	
34.	$13 - 7 =$	
35.	$14 - 7 =$	
36.	$16 - 7 =$	
37.	$10 - 8 =$	
38.	$13 - 8 =$	
39.	$14 - 8 =$	
40.	$17 - 8 =$	
41.	$10 - 9 =$	
42.	$13 - 9 =$	
43.	$14 - 9 =$	
44.	$18 - 9 =$	

B

Subtraction Across a Ten

Number Correct: _____

Improvement: _____

1.	$10 - 2 =$	
2.	$11 - 2 =$	
3.	$10 - 4 =$	
4.	$11 - 4 =$	
5.	$12 - 4 =$	
6.	$13 - 4 =$	
7.	$10 - 3 =$	
8.	$11 - 3 =$	
9.	$12 - 3 =$	
10.	$10 - 6 =$	
11.	$11 - 6 =$	
12.	$12 - 6 =$	
13.	$15 - 6 =$	
14.	$10 - 5 =$	
15.	$11 - 5 =$	
16.	$12 - 5 =$	
17.	$14 - 5 =$	
18.	$10 - 8 =$	
19.	$11 - 8 =$	
20.	$12 - 8 =$	
21.	$17 - 8 =$	
22.	$10 - 7 =$	

23.	$11 - 7 =$	
24.	$12 - 7 =$	
25.	$16 - 7 =$	
26.	$10 - 9 =$	
27.	$11 - 9 =$	
28.	$12 - 9 =$	
29.	$18 - 9 =$	
30.	$10 - 5 =$	
31.	$13 - 5 =$	
32.	$10 - 6 =$	
33.	$13 - 6 =$	
34.	$14 - 6 =$	
35.	$10 - 7 =$	
36.	$13 - 7 =$	
37.	$15 - 7 =$	
38.	$10 - 8 =$	
39.	$13 - 8 =$	
40.	$14 - 8 =$	
41.	$16 - 8 =$	
42.	$10 - 9 =$	
43.	$16 - 9 =$	
44.	$17 - 9 =$	

Lesson 8

A

Number Correct: _____

Adding Across a Ten

1.	$9 + 2 =$	
2.	$9 + 3 =$	
3.	$9 + 4 =$	
4.	$9 + 7 =$	
5.	$7 + 9 =$	
6.	$10 + 1 =$	
7.	$10 + 2 =$	
8.	$10 + 3 =$	
9.	$10 + 8 =$	
10.	$8 + 10 =$	
11.	$8 + 3 =$	
12.	$8 + 4 =$	
13.	$8 + 5 =$	
14.	$8 + 9 =$	
15.	$9 + 8 =$	
16.	$7 + 4 =$	
17.	$10 + 5 =$	
18.	$6 + 5 =$	
19.	$7 + 5 =$	
20.	$9 + 5 =$	
21.	$5 + 9 =$	
22.	$10 + 6 =$	

23.	$4 + 7 =$	
24.	$4 + 8 =$	
25.	$5 + 6 =$	
26.	$5 + 7 =$	
27.	$3 + 8 =$	
28.	$3 + 9 =$	
29.	$2 + 9 =$	
30.	$5 + 10 =$	
31.	$5 + 8 =$	
32.	$9 + 6 =$	
33.	$6 + 9 =$	
34.	$7 + 6 =$	
35.	$6 + 7 =$	
36.	$8 + 6 =$	
37.	$6 + 8 =$	
38.	$8 + 7 =$	
39.	$7 + 8 =$	
40.	$6 + 6 =$	
41.	$7 + 7 =$	
42.	$8 + 8 =$	
43.	$9 + 9 =$	
44.	$4 + 9 =$	

B

Adding Across a Ten

Number Correct: _____

Improvement: _____

1.	$10 + 1 =$	
2.	$10 + 2 =$	
3.	$10 + 3 =$	
4.	$10 + 9 =$	
5.	$9 + 10 =$	
6.	$9 + 2 =$	
7.	$9 + 3 =$	
8.	$9 + 4 =$	
9.	$9 + 8 =$	
10.	$8 + 9 =$	
11.	$8 + 3 =$	
12.	$8 + 4 =$	
13.	$8 + 5 =$	
14.	$8 + 7 =$	
15.	$7 + 8 =$	
16.	$7 + 4 =$	
17.	$10 + 4 =$	
18.	$6 + 5 =$	
19.	$7 + 5 =$	
20.	$9 + 5 =$	
21.	$5 + 9 =$	
22.	$10 + 8 =$	

23.	$5 + 6 =$	
24.	$5 + 7 =$	
25.	$4 + 7 =$	
26.	$4 + 8 =$	
27.	$4 + 10 =$	
28.	$3 + 8 =$	
29.	$3 + 9 =$	
30.	$2 + 9 =$	
31.	$5 + 8 =$	
32.	$7 + 6 =$	
33.	$6 + 7 =$	
34.	$8 + 6 =$	
35.	$6 + 8 =$	
36.	$9 + 6 =$	
37.	$6 + 9 =$	
38.	$9 + 7 =$	
39.	$7 + 9 =$	
40.	$6 + 6 =$	
41.	$7 + 7 =$	
42.	$8 + 8 =$	
43.	$9 + 9 =$	
44.	$4 + 9 =$	

Lesson 11

A

Number Correct: _____

Subtraction from Teens

1.	$11 - 10 =$	
2.	$12 - 10 =$	
3.	$13 - 10 =$	
4.	$19 - 10 =$	
5.	$11 - 1 =$	
6.	$12 - 2 =$	
7.	$13 - 3 =$	
8.	$17 - 7 =$	
9.	$11 - 2 =$	
10.	$11 - 3 =$	
11.	$11 - 4 =$	
12.	$11 - 8 =$	
13.	$18 - 8 =$	
14.	$13 - 4 =$	
15.	$13 - 5 =$	
16.	$13 - 6 =$	
17.	$13 - 8 =$	
18.	$16 - 6 =$	
19.	$12 - 3 =$	
20.	$12 - 4 =$	
21.	$12 - 5 =$	
22.	$12 - 9 =$	

23.	$19 - 9 =$	
24.	$15 - 6 =$	
25.	$15 - 7 =$	
26.	$15 - 9 =$	
27.	$20 - 10 =$	
28.	$14 - 5 =$	
29.	$14 - 6 =$	
30.	$14 - 7 =$	
31.	$14 - 9 =$	
32.	$15 - 5 =$	
33.	$17 - 8 =$	
34.	$17 - 9 =$	
35.	$18 - 8 =$	
36.	$16 - 7 =$	
37.	$16 - 8 =$	
38.	$16 - 9 =$	
39.	$17 - 10 =$	
40.	$12 - 8 =$	
41.	$18 - 9 =$	
42.	$11 - 9 =$	
43.	$15 - 8 =$	
44.	$13 - 7 =$	

B

Subtraction from Teens

Number Correct: _____

Improvement: _____

1.	$11 - 1 =$	
2.	$12 - 2 =$	
3.	$13 - 3 =$	
4.	$18 - 8 =$	
5.	$11 - 10 =$	
6.	$12 - 10 =$	
7.	$13 - 10 =$	
8.	$18 - 10 =$	
9.	$11 - 2 =$	
10.	$11 - 3 =$	
11.	$11 - 4 =$	
12.	$11 - 7 =$	
13.	$19 - 9 =$	
14.	$12 - 3 =$	
15.	$12 - 4 =$	
16.	$12 - 5 =$	
17.	$12 - 8 =$	
18.	$17 - 7 =$	
19.	$13 - 4 =$	
20.	$13 - 5 =$	
21.	$13 - 6 =$	
22.	$13 - 9 =$	

23.	$16 - 6 =$	
24.	$14 - 5 =$	
25.	$14 - 6 =$	
26.	$14 - 7 =$	
27.	$14 - 9 =$	
28.	$20 - 10 =$	
29.	$15 - 6 =$	
30.	$15 - 7 =$	
31.	$15 - 9 =$	
32.	$14 - 4 =$	
33.	$16 - 7 =$	
34.	$16 - 8 =$	
35.	$16 - 9 =$	
36.	$20 - 10 =$	
37.	$17 - 8 =$	
38.	$17 - 9 =$	
39.	$16 - 10 =$	
40.	$18 - 9 =$	
41.	$12 - 9 =$	
42.	$13 - 7 =$	
43.	$11 - 8 =$	
44.	$15 - 8 =$	

Lesson 12

A

Number Correct: _____

Adding Across a Ten

1.	$9 + 2 =$	
2.	$9 + 3 =$	
3.	$9 + 4 =$	
4.	$9 + 7 =$	
5.	$7 + 9 =$	
6.	$10 + 1 =$	
7.	$10 + 2 =$	
8.	$10 + 3 =$	
9.	$10 + 8 =$	
10.	$8 + 10 =$	
11.	$8 + 3 =$	
12.	$8 + 4 =$	
13.	$8 + 5 =$	
14.	$8 + 9 =$	
15.	$9 + 8 =$	
16.	$7 + 4 =$	
17.	$10 + 5 =$	
18.	$6 + 5 =$	
19.	$7 + 5 =$	
20.	$9 + 5 =$	
21.	$5 + 9 =$	
22.	$10 + 6 =$	

23.	$4 + 7 =$	
24.	$4 + 8 =$	
25.	$5 + 6 =$	
26.	$5 + 7 =$	
27.	$3 + 8 =$	
28.	$3 + 9 =$	
29.	$2 + 9 =$	
30.	$5 + 10 =$	
31.	$5 + 8 =$	
32.	$9 + 6 =$	
33.	$6 + 9 =$	
34.	$7 + 6 =$	
35.	$6 + 7 =$	
36.	$8 + 6 =$	
37.	$6 + 8 =$	
38.	$8 + 7 =$	
39.	$7 + 8 =$	
40.	$6 + 6 =$	
41.	$7 + 7 =$	
42.	$8 + 8 =$	
43.	$9 + 9 =$	
44.	$4 + 9 =$	

B

Adding Across a Ten

Number Correct: _____

Improvement: _____

1.	$10 + 1 =$	
2.	$10 + 2 =$	
3.	$10 + 3 =$	
4.	$10 + 9 =$	
5.	$9 + 10 =$	
6.	$9 + 2 =$	
7.	$9 + 3 =$	
8.	$9 + 4 =$	
9.	$9 + 8 =$	
10.	$8 + 9 =$	
11.	$8 + 3 =$	
12.	$8 + 4 =$	
13.	$8 + 5 =$	
14.	$8 + 7 =$	
15.	$7 + 8 =$	
16.	$7 + 4 =$	
17.	$10 + 4 =$	
18.	$6 + 5 =$	
19.	$7 + 5 =$	
20.	$9 + 5 =$	
21.	$5 + 9 =$	
22.	$10 + 8 =$	

23.	$5 + 6 =$	
24.	$5 + 7 =$	
25.	$4 + 7 =$	
26.	$4 + 8 =$	
27.	$4 + 10 =$	
28.	$3 + 8 =$	
29.	$3 + 9 =$	
30.	$2 + 9 =$	
31.	$5 + 8 =$	
32.	$7 + 6 =$	
33.	$6 + 7 =$	
34.	$8 + 6 =$	
35.	$6 + 8 =$	
36.	$9 + 6 =$	
37.	$6 + 9 =$	
38.	$9 + 7 =$	
39.	$7 + 9 =$	
40.	$6 + 6 =$	
41.	$7 + 7 =$	
42.	$8 + 8 =$	
43.	$9 + 9 =$	
44.	$4 + 9 =$	

Lesson 17

$$11 - 1$$

$$11 - 2$$

$$11 - 3$$

$$11 - 4$$

$$11 - 5$$

$$11 - 6$$

$$11 - 7$$

$$11 - 8$$

$$11 - 9$$

$$12 - 3$$

subtraction fact flash cards set 2

$$12 - 4$$

$$12 - 5$$

$$12 - 6$$

$$12 - 7$$

$$12 - 8$$

$$12 - 9$$

$$13 - 4$$

$$13 - 5$$

$$13 - 6$$

$$13 - 7$$

subtraction fact flash cards set 2

$$13 - 8$$

$$13 - 9$$

$$14 - 5$$

$$14 - 6$$

$$14 - 7$$

$$14 - 8$$

$$14 - 9$$

$$15 - 6$$

$$15 - 7$$

$$15 - 8$$

subtraction fact flash cards set 2

$15 - 9$

$16 - 7$

$16 - 8$

$16 - 9$

$17 - 8$

$17 - 9$

$18 - 9$

$19 - 11$

$20 - 19$

$20 - 1$

subtraction fact flash cards set 2

$$20 - 18$$

$$20 - 2$$

$$20 - 17$$

$$20 - 3$$

$$20 - 16$$

$$20 - 4$$

$$20 - 15$$

$$20 - 5$$

$$20 - 14$$

$$20 - 6$$

subtraction fact flash cards set 2

$20 - 13$	$20 - 7$
$20 - 12$	$20 - 8$
$20 - 11$	$20 - 9$
$20 - 10$	

subtraction fact flash cards set 2

Lesson 18

A

Number Correct: _____

Adding and Subtracting by 2

1.	$0 + 2 =$	
2.	$2 + 2 =$	
3.	$4 + 2 =$	
4.	$6 + 2 =$	
5.	$8 + 2 =$	
6.	$10 + 2 =$	
7.	$12 + 2 =$	
8.	$14 + 2 =$	
9.	$16 + 2 =$	
10.	$18 + 2 =$	
11.	$20 - 2 =$	
12.	$18 - 2 =$	
13.	$16 - 2 =$	
14.	$14 - 2 =$	
15.	$12 - 2 =$	
16.	$10 - 2 =$	
17.	$8 - 2 =$	
18.	$6 - 2 =$	
19.	$4 - 2 =$	
20.	$2 - 2 =$	
21.	$2 + 0 =$	
22.	$2 + 2 =$	

23.	$2 + 4 =$	
24.	$2 + 6 =$	
25.	$2 + 8 =$	
26.	$2 + 10 =$	
27.	$2 + 12 =$	
28.	$2 + 14 =$	
29.	$2 + 16 =$	
30.	$2 + 18 =$	
31.	$0 + 22 =$	
32.	$22 + 22 =$	
33.	$44 + 22 =$	
34.	$66 + 22 =$	
35.	$88 - 22 =$	
36.	$66 - 22 =$	
37.	$44 - 22 =$	
38.	$22 - 22 =$	
39.	$22 + 0 =$	
40.	$22 + 22 =$	
41.	$22 + 44 =$	
42.	$66 + 22 =$	
43.	$888 - 222 =$	
44.	$666 - 222 =$	

B

Adding and Subtracting by 2

Number Correct: _____

Improvement: _____

1.	$2 + 0 =$	
2.	$2 + 2 =$	
3.	$2 + 4 =$	
4.	$2 + 6 =$	
5.	$2 + 8 =$	
6.	$2 + 10 =$	
7.	$2 + 12 =$	
8.	$2 + 14 =$	
9.	$2 + 16 =$	
10.	$2 + 18 =$	
11.	$20 - 2 =$	
12.	$18 - 2 =$	
13.	$16 - 2 =$	
14.	$14 - 2 =$	
15.	$12 - 2 =$	
16.	$10 - 2 =$	
17.	$8 - 2 =$	
18.	$6 - 2 =$	
19.	$4 - 2 =$	
20.	$2 - 2 =$	
21.	$0 + 2 =$	
22.	$2 + 2 =$	

23.	$4 + 2 =$	
24.	$6 + 2 =$	
25.	$8 + 2 =$	
26.	$10 + 2 =$	
27.	$12 + 2 =$	
28.	$14 + 2 =$	
29.	$16 + 2 =$	
30.	$18 + 2 =$	
31.	$0 + 22 =$	
32.	$22 + 22 =$	
33.	$22 + 44 =$	
34.	$66 + 22 =$	
35.	$88 - 22 =$	
36.	$66 - 22 =$	
37.	$44 - 22 =$	
38.	$22 - 22 =$	
39.	$22 + 0 =$	
40.	$22 + 22 =$	
41.	$22 + 44 =$	
42.	$66 + 22 =$	
43.	$666 - 222 =$	
44.	$888 - 222 =$	

Lesson 19

A

Number Correct: _____

Adding and Subtracting by 3

1.	$0 + 3 =$	
2.	$3 + 3 =$	
3.	$6 + 3 =$	
4.	$9 + 3 =$	
5.	$12 + 3 =$	
6.	$15 + 3 =$	
7.	$18 + 3 =$	
8.	$21 + 3 =$	
9.	$24 + 3 =$	
10.	$27 + 3 =$	
11.	$30 - 3 =$	
12.	$27 - 3 =$	
13.	$24 - 3 =$	
14.	$21 - 3 =$	
15.	$18 - 3 =$	
16.	$15 - 3 =$	
17.	$12 - 3 =$	
18.	$9 - 3 =$	
19.	$6 - 3 =$	
20.	$3 - 3 =$	
21.	$3 + 0 =$	
22.	$3 + 3 =$	

23.	$6 + 3 =$	
24.	$9 + 3 =$	
25.	$12 + 3 =$	
26.	$15 + 3 =$	
27.	$18 + 3 =$	
28.	$21 + 3 =$	
29.	$24 + 3 =$	
30.	$27 + 3 =$	
31.	$0 + 33 =$	
32.	$33 + 33 =$	
33.	$66 + 33 =$	
34.	$33 + 66 =$	
35.	$99 - 33 =$	
36.	$66 - 33 =$	
37.	$999 - 333 =$	
38.	$33 - 33 =$	
39.	$33 + 0 =$	
40.	$30 + 3 =$	
41.	$33 + 3 =$	
42.	$36 + 3 =$	
43.	$63 + 33 =$	
44.	$63 + 36 =$	

B

Adding and Subtracting by 3

Number Correct: _____

Improvement: _____

1.	$3 + 0 =$	
2.	$3 + 3 =$	
3.	$3 + 6 =$	
4.	$3 + 9 =$	
5.	$3 + 12 =$	
6.	$3 + 15 =$	
7.	$3 + 18 =$	
8.	$3 + 21 =$	
9.	$3 + 24 =$	
10.	$3 + 27 =$	
11.	$30 - 3 =$	
12.	$27 - 3 =$	
13.	$24 - 3 =$	
14.	$21 - 3 =$	
15.	$18 - 3 =$	
16.	$15 - 3 =$	
17.	$12 - 3 =$	
18.	$9 - 3 =$	
19.	$6 - 3 =$	
20.	$3 - 3 =$	
21.	$0 + 3 =$	
22.	$3 + 3 =$	

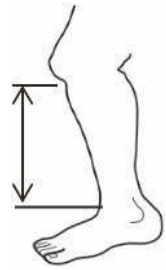
23.	$6 + 3 =$	
24.	$9 + 3 =$	
25.	$12 + 3 =$	
26.	$15 + 3 =$	
27.	$18 + 3 =$	
28.	$21 + 3 =$	
29.	$24 + 3 =$	
30.	$27 + 3 =$	
31.	$0 + 33 =$	
32.	$33 + 33 =$	
33.	$33 + 66 =$	
34.	$66 + 33 =$	
35.	$99 - 33 =$	
36.	$66 - 33 =$	
37.	$999 - 333 =$	
38.	$33 - 33 =$	
39.	$33 + 0 =$	
40.	$30 + 3 =$	
41.	$33 + 3 =$	
42.	$36 + 3 =$	
43.	$36 + 33 =$	
44.	$36 + 63 =$	

Center 1: Measure and Compare Shin Lengths

Choose a measuring unit to measure the shins of everyone in your group.
Measure from the top of the foot to the bottom of the knee.

I chose to measure using _____.

Record the results in the table below. Include the units.



Name	Length of Shin

What is the difference in length between the longest and shortest shins? Write a number sentence and statement to show the difference between the two lengths.

Center 2: Compare Lengths to a Yardstick

Fill in your estimate for each object using the words *more than*, *less than*, or *about the same length as*. Then, measure each object with a yardstick, and record the measurement on the chart.

- The length of a book is _____ the yardstick.
- The height of the door is _____ the yardstick.
- The length of a student desk is _____ the yardstick.

Object	Measurement
Length of book	
Height of door	
Length of student desk	

What is the length of 4 student desks pushed together with no gaps in between?

Center 3: Choose the Units to Measure Objects

Name 4 objects in the classroom. Circle which unit you would use to measure each item, and record the measurement in the chart.

Object	Length of the Object
	inches/feet/yards
	inches/feet/yards
	inches/feet/yards
	inches/feet/yards

Billy measures his pencil. He tells his teacher it is 7 feet long. Explain how you know that Billy is incorrect and how he can change his answer to be correct.

Center 4: Find Benchmarks

Look around the room to find 2 or 3 objects for each benchmark length. Write each object in the chart, and record the exact length.

Objects That Are About an Inch	Objects That Are About a Foot	Objects That Are About a Yard
1. _____ inches	1. _____ inches	1. _____ inches
2. _____ inches	2. _____ inches	2. _____ inches
3. _____ inches	3. _____ inches	3. _____ inches

Center 5: Choose a Tool to Measure

Circle the tool used to measure each object. Then, measure and record the length in the chart. Circle the unit.

Object	Measurement Tool	Measurement
Length of the rug	12-inch ruler / yardstick	_____ inches/feet
Textbook	12-inch ruler / yardstick	_____ inches/feet
Pencil	12-inch ruler / yardstick	_____ inches/feet
Length of the chalkboard	12-inch ruler / yardstick	_____ inches/feet
Pink eraser	12-inch ruler / yardstick	_____ inches/feet

Sera's jump rope is the length of 6 textbooks. On the back of this paper, make a strip diagram to show the length of Sera's jump rope. Then, write a repeated addition sentence using the textbook measurement from the chart to find the length of Sera's jump rope.

Lesson 22

A

Number Correct: _____

Subtraction Patterns

1.	$10 - 1 =$	
2.	$10 - 2 =$	
3.	$20 - 2 =$	
4.	$40 - 2 =$	
5.	$10 - 2 =$	
6.	$11 - 2 =$	
7.	$21 - 2 =$	
8.	$51 - 2 =$	
9.	$10 - 3 =$	
10.	$11 - 3 =$	
11.	$21 - 3 =$	
12.	$61 - 3 =$	
13.	$10 - 4 =$	
14.	$11 - 4 =$	
15.	$21 - 4 =$	
16.	$71 - 4 =$	
17.	$10 - 5 =$	
18.	$11 - 5 =$	
19.	$21 - 5 =$	
20.	$81 - 5 =$	
21.	$10 - 6 =$	
22.	$11 - 6 =$	

23.	$21 - 6 =$	
24.	$91 - 6 =$	
25.	$10 - 7 =$	
26.	$11 - 7 =$	
27.	$31 - 7 =$	
28.	$10 - 8 =$	
29.	$11 - 8 =$	
30.	$41 - 8 =$	
31.	$10 - 9 =$	
32.	$11 - 9 =$	
33.	$51 - 9 =$	
34.	$12 - 3 =$	
35.	$82 - 3 =$	
36.	$13 - 5 =$	
37.	$73 - 5 =$	
38.	$14 - 6 =$	
39.	$84 - 6 =$	
40.	$15 - 8 =$	
41.	$95 - 8 =$	
42.	$16 - 7 =$	
43.	$46 - 7 =$	
44.	$68 - 9 =$	

B

Subtraction Patterns

Number Correct: _____

Improvement: _____

1.	$10 - 2 =$	
2.	$20 - 2 =$	
3.	$30 - 2 =$	
4.	$50 - 2 =$	
5.	$10 - 2 =$	
6.	$11 - 2 =$	
7.	$21 - 2 =$	
8.	$61 - 2 =$	
9.	$10 - 3 =$	
10.	$11 - 3 =$	
11.	$21 - 3 =$	
12.	$71 - 3 =$	
13.	$10 - 4 =$	
14.	$11 - 4 =$	
15.	$21 - 4 =$	
16.	$81 - 4 =$	
17.	$10 - 5 =$	
18.	$11 - 5 =$	
19.	$21 - 5 =$	
20.	$91 - 5 =$	
21.	$10 - 6 =$	
22.	$11 - 6 =$	

23.	$21 - 6 =$	
24.	$41 - 6 =$	
25.	$10 - 7 =$	
26.	$11 - 7 =$	
27.	$51 - 7 =$	
28.	$10 - 8 =$	
29.	$11 - 8 =$	
30.	$61 - 8 =$	
31.	$10 - 9 =$	
32.	$11 - 9 =$	
33.	$31 - 9 =$	
34.	$12 - 3 =$	
35.	$92 - 3 =$	
36.	$13 - 5 =$	
37.	$43 - 5 =$	
38.	$14 - 6 =$	
39.	$64 - 6 =$	
40.	$15 - 8 =$	
41.	$85 - 8 =$	
42.	$16 - 7 =$	
43.	$76 - 7 =$	
44.	$58 - 9 =$	

Lesson 23

A

Number Correct: _____

Subtraction Patterns

1.	$8 - 1 =$	
2.	$18 - 1 =$	
3.	$8 - 2 =$	
4.	$18 - 2 =$	
5.	$8 - 5 =$	
6.	$18 - 5 =$	
7.	$28 - 5 =$	
8.	$58 - 5 =$	
9.	$58 - 7 =$	
10.	$10 - 2 =$	
11.	$11 - 2 =$	
12.	$21 - 2 =$	
13.	$61 - 2 =$	
14.	$61 - 3 =$	
15.	$61 - 5 =$	
16.	$10 - 5 =$	
17.	$20 - 5 =$	
18.	$30 - 5 =$	
19.	$70 - 5 =$	
20.	$72 - 5 =$	
21.	$4 - 2 =$	
22.	$40 - 20 =$	

23.	$41 - 20 =$	
24.	$46 - 20 =$	
25.	$7 - 5 =$	
26.	$70 - 50 =$	
27.	$71 - 50 =$	
28.	$78 - 50 =$	
29.	$80 - 40 =$	
30.	$84 - 40 =$	
31.	$90 - 60 =$	
32.	$97 - 60 =$	
33.	$70 - 40 =$	
34.	$72 - 40 =$	
35.	$56 - 4 =$	
36.	$52 - 4 =$	
37.	$50 - 4 =$	
38.	$60 - 30 =$	
39.	$90 - 70 =$	
40.	$80 - 60 =$	
41.	$96 - 40 =$	
42.	$63 - 40 =$	
43.	$79 - 30 =$	
44.	$76 - 9 =$	

B

Subtraction Patterns

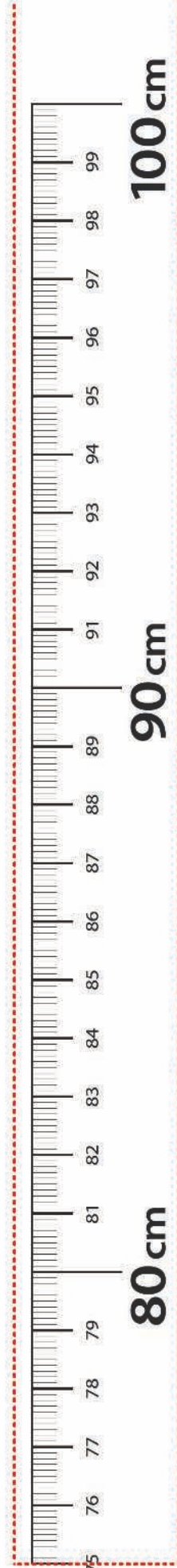
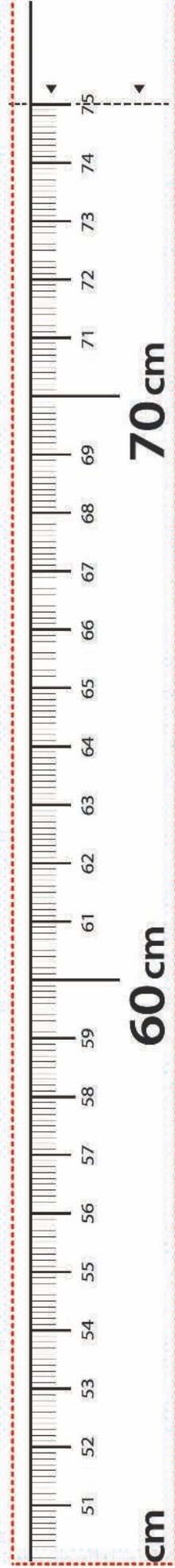
Number Correct: _____

Improvement: _____

1.	$7 - 1 =$	
2.	$17 - 1 =$	
3.	$7 - 2 =$	
4.	$17 - 2 =$	
5.	$7 - 5 =$	
6.	$17 - 5 =$	
7.	$27 - 5 =$	
8.	$57 - 5 =$	
9.	$57 - 6 =$	
10.	$10 - 5 =$	
11.	$11 - 5 =$	
12.	$21 - 5 =$	
13.	$61 - 5 =$	
14.	$61 - 4 =$	
15.	$61 - 2 =$	
16.	$10 - 2 =$	
17.	$20 - 2 =$	
18.	$30 - 2 =$	
19.	$70 - 2 =$	
20.	$71 - 2 =$	
21.	$5 - 2 =$	
22.	$50 - 20 =$	

23.	$51 - 20 =$	
24.	$56 - 20 =$	
25.	$8 - 5 =$	
26.	$80 - 50 =$	
27.	$81 - 50 =$	
28.	$87 - 50 =$	
29.	$60 - 30 =$	
30.	$64 - 30 =$	
31.	$80 - 60 =$	
32.	$85 - 60 =$	
33.	$70 - 30 =$	
34.	$72 - 30 =$	
35.	$76 - 4 =$	
36.	$72 - 4 =$	
37.	$70 - 4 =$	
38.	$80 - 40 =$	
39.	$90 - 60 =$	
40.	$60 - 40 =$	
41.	$93 - 40 =$	
42.	$67 - 40 =$	
43.	$78 - 30 =$	
44.	$56 - 9 =$	

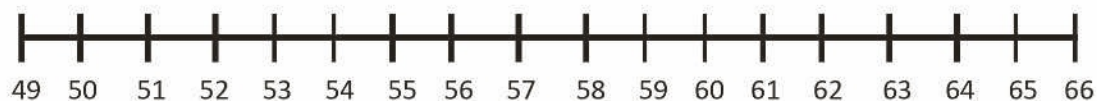
Lesson 24



LEGEND CUT ---- ALIGN EDGE

_____ meter strip

Lesson 25

Number Line A**Number Line B**

number lines A and B