

A Story of Units®

Eureka Math™

Grade 2, Module 6

Student File_B

*Contains Sprint and Fluency, Exit Ticket,
and Assessment Materials*

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10 9 8 7 6 5 4 3 2 1

Sprint and Fluency Packet

Name _____

Date _____

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

Name _____

Date _____

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

Name _____

Date _____

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

Name _____

Date _____

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

Name _____

Date _____

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

A

Number Correct: _____

Subtraction Within 20

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 Within 20

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.	$15 - 8 =$	

A

Number Correct: _____

Adding Crossing Ten

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

23.	$7 + 3 =$	
24.	$7 + 4 =$	
25.	$7 + 5 =$	
26.	$7 + 9 =$	
27.	$6 + 4 =$	
28.	$6 + 5 =$	
29.	$6 + 6 =$	
30.	$6 + 9 =$	
31.	$5 + 5 =$	
32.	$5 + 6 =$	
33.	$5 + 7 =$	
34.	$5 + 9 =$	
35.	$4 + 6 =$	
36.	$4 + 7 =$	
37.	$4 + 9 =$	
38.	$3 + 7 =$	
39.	$3 + 9 =$	
40.	$5 + 8 =$	
41.	$2 + 8 =$	
42.	$4 + 8 =$	
43.	$1 + 9 =$	
44.	$2 + 9 =$	

B

Adding Crossing Ten

Number Correct: _____

Improvement: _____

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

23.	$7 + 3 =$	
24.	$7 + 4 =$	
25.	$7 + 5 =$	
26.	$7 + 8 =$	
27.	$6 + 4 =$	
28.	$6 + 5 =$	
29.	$6 + 6 =$	
30.	$6 + 8 =$	
31.	$5 + 5 =$	
32.	$5 + 6 =$	
33.	$5 + 7 =$	
34.	$5 + 8 =$	
35.	$4 + 6 =$	
36.	$4 + 7 =$	
37.	$4 + 8 =$	
38.	$3 + 7 =$	
39.	$3 + 9 =$	
40.	$5 + 9 =$	
41.	$2 + 8 =$	
42.	$4 + 9 =$	
43.	$1 + 9 =$	
44.	$2 + 9 =$	

A

Number Correct: _____

Sums to the Teens

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

Sums to the Teens

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.	$4 + 9 =$	

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.	$15 - 8 =$	

A

Number Correct: _____

Sums to the Teens

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

23.	$7 + 3 =$	
24.	$7 + 4 =$	
25.	$7 + 5 =$	
26.	$7 + 9 =$	
27.	$6 + 4 =$	
28.	$6 + 5 =$	
29.	$6 + 6 =$	
30.	$6 + 9 =$	
31.	$5 + 5 =$	
32.	$5 + 6 =$	
33.	$5 + 7 =$	
34.	$5 + 9 =$	
35.	$4 + 6 =$	
36.	$4 + 7 =$	
37.	$4 + 9 =$	
38.	$3 + 7 =$	
39.	$3 + 9 =$	
40.	$5 + 8 =$	
41.	$2 + 8 =$	
42.	$4 + 8 =$	
43.	$1 + 9 =$	
44.	$2 + 9 =$	

B

Sums to the Teens

Number Correct: _____

Improvement: _____

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

23.	$7 + 3 =$	
24.	$7 + 4 =$	
25.	$7 + 5 =$	
26.	$7 + 8 =$	
27.	$6 + 4 =$	
28.	$6 + 5 =$	
29.	$6 + 6 =$	
30.	$6 + 8 =$	
31.	$5 + 5 =$	
32.	$5 + 6 =$	
33.	$5 + 7 =$	
34.	$5 + 8 =$	
35.	$4 + 6 =$	
36.	$4 + 7 =$	
37.	$4 + 8 =$	
38.	$3 + 7 =$	
39.	$3 + 9 =$	
40.	$5 + 9 =$	
41.	$2 + 8 =$	
42.	$4 + 9 =$	
43.	$1 + 9 =$	
44.	$2 + 9 =$	

A

Number Correct: _____

Subtraction Crossing Ten

1.	$10 - 5 =$	
2.	$20 - 5 =$	
3.	$30 - 5 =$	
4.	$10 - 2 =$	
5.	$20 - 2 =$	
6.	$30 - 2 =$	
7.	$11 - 2 =$	
8.	$21 - 2 =$	
9.	$31 - 2 =$	
10.	$10 - 8 =$	
11.	$11 - 8 =$	
12.	$21 - 8 =$	
13.	$31 - 8 =$	
14.	$14 - 5 =$	
15.	$24 - 5 =$	
16.	$34 - 5 =$	
17.	$15 - 6 =$	
18.	$25 - 6 =$	
19.	$35 - 6 =$	
20.	$10 - 7 =$	
21.	$20 - 8 =$	
22.	$30 - 9 =$	

23.	$14 - 6 =$	
24.	$24 - 6 =$	
25.	$34 - 6 =$	
26.	$15 - 7 =$	
27.	$25 - 7 =$	
28.	$35 - 7 =$	
29.	$11 - 4 =$	
30.	$21 - 4 =$	
31.	$31 - 4 =$	
32.	$12 - 6 =$	
33.	$22 - 6 =$	
34.	$32 - 6 =$	
35.	$21 - 6 =$	
36.	$31 - 6 =$	
37.	$12 - 8 =$	
38.	$32 - 8 =$	
39.	$21 - 8 =$	
40.	$31 - 8 =$	
41.	$28 - 9 =$	
42.	$27 - 8 =$	
43.	$38 - 9 =$	
44.	$37 - 8 =$	

B

Subtraction Crossing Ten

Number Correct: _____

Improvement: _____

1.	$10 - 1 =$	
2.	$20 - 1 =$	
3.	$30 - 1 =$	
4.	$10 - 3 =$	
5.	$20 - 3 =$	
6.	$30 - 3 =$	
7.	$12 - 3 =$	
8.	$22 - 3 =$	
9.	$32 - 3 =$	
10.	$10 - 9 =$	
11.	$11 - 9 =$	
12.	$21 - 9 =$	
13.	$31 - 9 =$	
14.	$13 - 4 =$	
15.	$23 - 4 =$	
16.	$33 - 4 =$	
17.	$16 - 7 =$	
18.	$26 - 7 =$	
19.	$36 - 7 =$	
20.	$10 - 6 =$	
21.	$20 - 7 =$	
22.	$30 - 8 =$	

23.	$13 - 5 =$	
24.	$23 - 5 =$	
25.	$33 - 5 =$	
26.	$16 - 8 =$	
27.	$26 - 8 =$	
28.	$36 - 8 =$	
29.	$12 - 5 =$	
30.	$22 - 5 =$	
31.	$32 - 5 =$	
32.	$11 - 5 =$	
33.	$21 - 5 =$	
34.	$31 - 5 =$	
35.	$12 - 7 =$	
36.	$22 - 7 =$	
37.	$11 - 7 =$	
38.	$31 - 7 =$	
39.	$22 - 9 =$	
40.	$32 - 9 =$	
41.	$38 - 9 =$	
42.	$37 - 8 =$	
43.	$28 - 9 =$	
44.	$27 - 8 =$	

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.	$20 - 8 =$

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

Number Correct: _____

Improvement: _____

Subtraction from Teens

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.	$15 - 8 =$	

A

Number Correct: _____

Subtract Crossing the Ten

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

Subtract Crossing the Ten

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.	$58 - 9 =$	

A

Number Correct: _____

Subtraction from Teens

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 from Teens

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.	$17 - 9 =$	

A

Number Correct: _____

Sums to the Teens

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

Sums to the Teens

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.	$4 + 9 =$	

Exit Ticket Packet

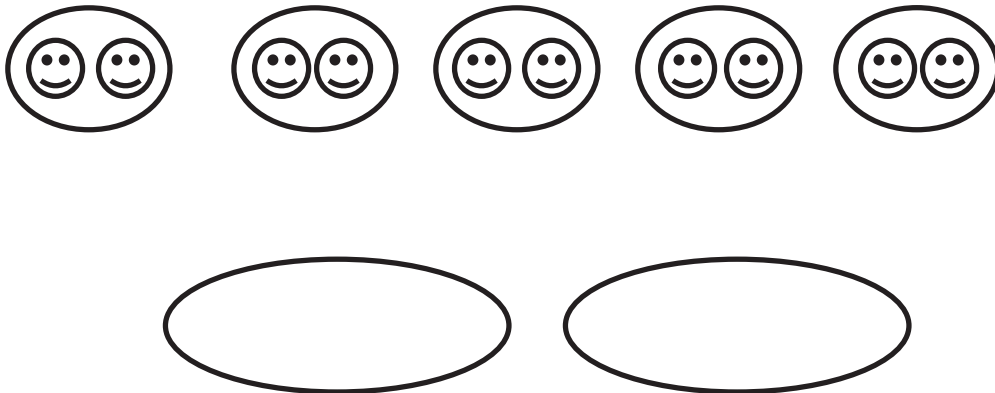
Name _____

Date _____

1. Circle groups of 4 hats.



2. Redraw the smiley faces into 2 equal groups.

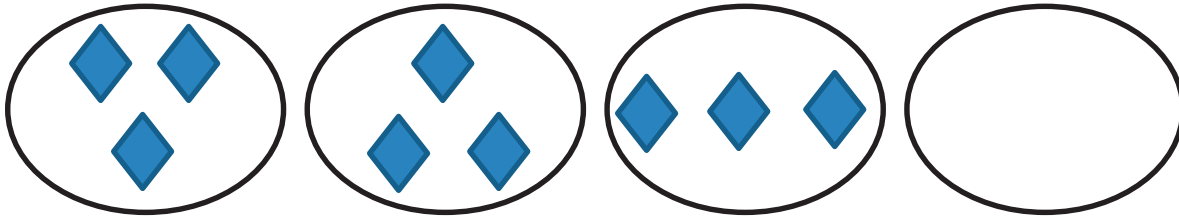


2 groups of _____ = _____.

Name _____

Date _____

1. Draw 1 more equal group.



$$\underline{\quad} + \underline{\quad} + \underline{\quad} + \underline{\quad} = \underline{\quad}$$

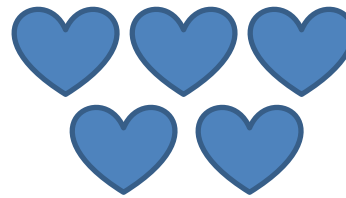
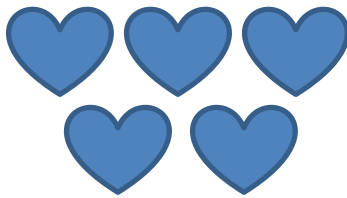
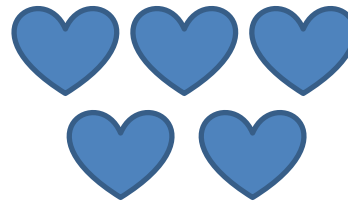
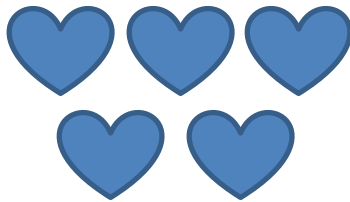
$$4 \text{ groups of } \underline{\quad} = \underline{\quad}$$

2. Draw 2 groups of 3 stars. Then, write a repeated addition equation to match.

Name _____

Date _____

Write a repeated addition equation to match the picture. Then, group the addends into pairs to show a more efficient way to add.



$$\underline{\quad} + \underline{\quad} + \underline{\quad} + \underline{\quad} = \underline{\quad}$$

$$\underline{\quad} + \underline{\quad} = \underline{\quad}$$

$$4 \text{ groups of } \underline{\quad} = 2 \text{ groups of } \underline{\quad}$$

Name _____

Date _____

Draw a tape diagram to find the total.

1.   

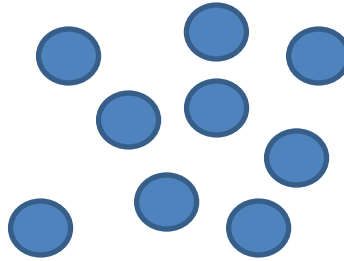
2. 3 groups of 3

3. $2 + 2 + 2 + 2 + 2$

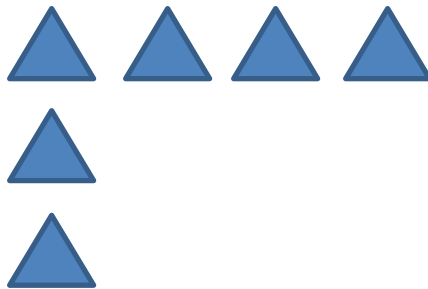
Name _____

Date _____

1. Circle groups of three. Redraw the groups of three as rows and then as columns.



2. Complete the array by drawing more triangles. The array should have 12 triangles in all.



Name _____

Date _____

Use the array to answer the questions below.



a. _____ rows of _____ = _____

b. _____ columns of _____ = _____

c. _____ + _____ + _____ + _____ = _____

d. Add 1 more row. How many stars are there now? _____

e. Add 1 more column to the new array you made in (d). How many stars are there now? _____

Name _____ Date _____

Use horizontal or vertical lines to separate the rows or columns.

1. Draw an array of X's with 3 rows of 5.

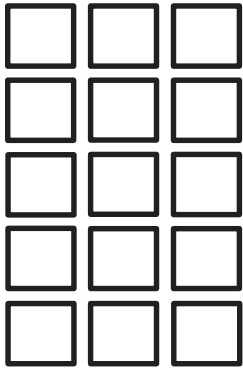
$$\underline{\quad} + \underline{\quad} + \underline{\quad} = \underline{\quad}$$

$$3 \text{ rows of } 5 = \underline{\quad}$$

2. Draw an array of X's with 1 more row than the above array. Write a repeated addition equation to find the total number of X's.

Name _____ Date _____

1. Use the array of squares to answer the questions below.



a. There are _____ squares in one row.

b. There are _____ squares in one column.

c. _____ + _____ + _____ = _____

d. 3 columns of _____ = _____ rows of _____ = _____ total

2. a. Draw an array with 10 squares that has 5 squares in each column.

b. Write a repeated addition equation to match the array.

Name _____ Date _____

Draw a tape diagram or an array for each word problem. Then, write a repeated addition equation to match.

1. Joshua cleans 3 cars every hour at work. He worked 4 hours on Saturday. How many cars did Joshua clean on Saturday?

2. Olivia put 5 stickers on each page in her sticker album. She filled 5 pages with stickers. How many stickers did Olivia use?

Name _____

Date _____

On this sheet, use your square tiles to construct the following arrays with no gaps or overlaps on this sheet. Write a repeated addition equation to match your construction.

1. a. Construct a rectangle with 2 rows of 5 tiles.

b. Write the repeated addition equation. _____

2. a. Construct a rectangle with 5 columns of 2 tiles.

b. Write the repeated addition equation. _____

Name _____

Date _____

a. Construct an array with 12 square tiles.

b. Write a repeated addition equation to match the array.

Name _____

Date _____

Draw an array of 3 columns of 3 starting with the square below without gaps or overlaps.



Name _____ Date _____

Use your square tiles to complete the steps for each problem.

Step 1: Construct a rectangle with 3 columns of 4.

Step 2: Separate 2 columns of 4.

Step 3: Write a number bond to show the whole and two parts. Write a repeated addition sentence to match each part of the number bond.

Name _____ Date _____

With your tiles, show 1 rectangle with 12 squares. Complete the sentences below.

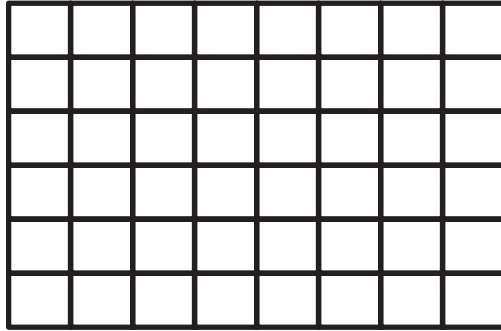
I see _____ rows of _____.

In the exact same rectangle, I see _____ columns of _____.

Name _____

Date _____

Shade in an array with 3 rows of 5.

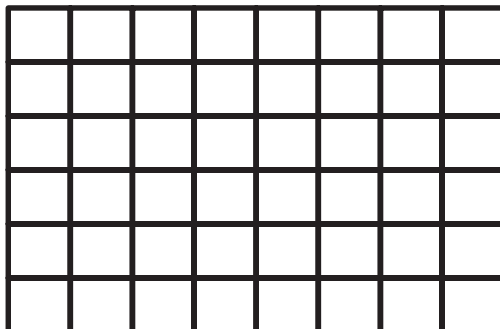
Write a repeated addition equation for the array.

Name _____

Date _____

Use your square tiles and grid paper to complete the following.

- Create a design with the paper tiles you used in the lesson.
- Shade in your design on the grid paper.



Name _____

Date _____

Draw an array for each set. Complete the sentences.

- a. 2 rows of 5

2 rows of 5 = _____

_____ + _____ = _____

Circle one: 5 doubled is even/not even.

- b. 2 rows of 3

2 rows of 3 = _____

_____ + _____ = _____

Circle one: 3 doubled is even/not even.

Name _____

Date _____

Redraw the following sets of dots as columns of two or 2 equal rows.

1.



2.



There are _____ dots.

There are _____ dots.

Is _____ an even number? _____

Is _____ an even number? _____

Name _____

Date _____

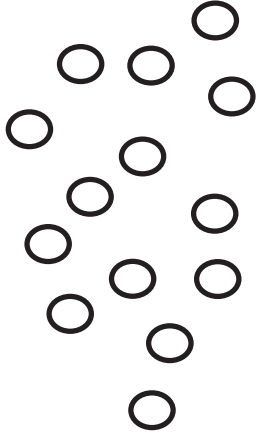
Are the **bold** numbers even or odd? Circle the answer, and explain how you know.

a. 18 even/odd	Explanation:
b. 23 even/odd	Explanation:

Name _____

Date _____

Use the objects to create an array.

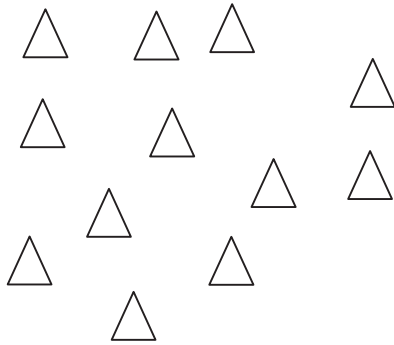
	Array There are an even/odd (circle one) number of circles.	Redraw your picture with 1 <i>less</i> circle. There are an even/odd (circle one) number of circles.
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Assessment Packet

Name _____

Date _____

1. a. Redraw the objects below in an array.



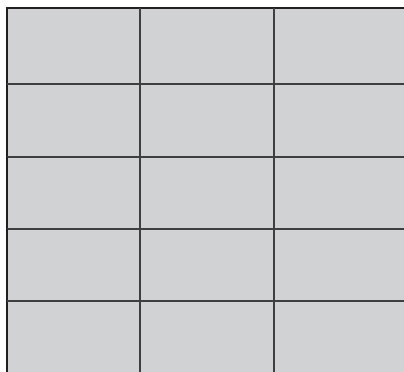
- b. Circle one column. Then, circle one row.



- c. Write a repeated addition number sentence to match the columns of hearts.

- d. Draw and label a tape diagram to match your addition sentence and array.

2. a. Circle all the expressions that describe the array.



$3 + 3 + 3 + 3$

$3 + 5$

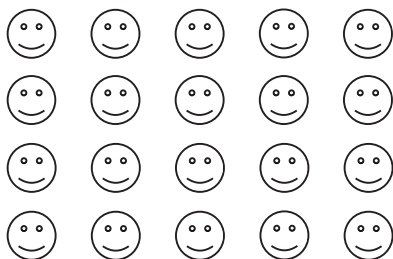
$5 + 5 + 5$

$5 + 5 + 5 + 5 + 5$

$3 + 3 + 3 + 3 + 3$

$10 + 3$

- b. Count the smiley faces one row at a time. Write a repeated addition number sentence to find the total.



- c. Draw an array to match $5 + 5 + 5 + 5$, where 5 is the number of objects in the column.

3. a. Draw an array with 15 squares where one row is made of 5 squares.

- b. Write a repeated addition sentence to match the array you drew in 3(a), showing the addition of the number in each row.

4. Sarah won a prize at school! Her teacher said that she would have two choices for the prize:

Choice 1: Get \$3 a day for the next 3 days.

Choice 2: Get \$2 a day for the next 5 days.

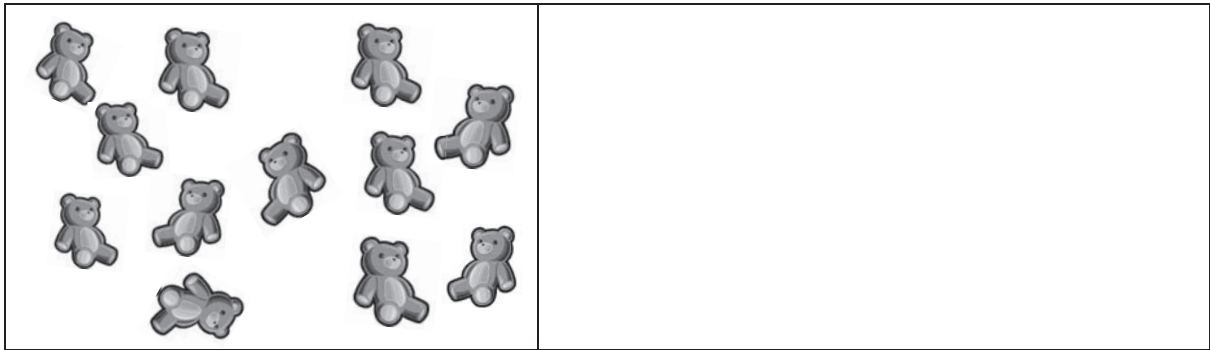
- a. Draw an array for each choice.

- b. Which way would Sarah get more money? Explain how you know.

Name _____

Date _____

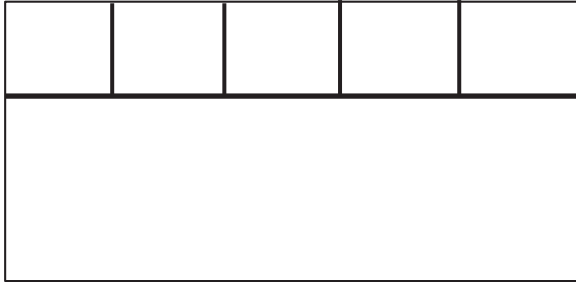
1. a. Does the picture below show an even or an odd number of teddy bears? Explain your thinking using pictures, numbers, or words in the box on the right.



- b. Explain how you know if a number is even.

2. a. Complete the array.

- b. Using the entire rectangle, draw 3 rows of 5 squares. The first row is done for you. Then, write a repeated addition sentence that describes your array.



- c. Henry drew the rectangle below using 12 squares. Draw a different rectangle using 12 squares.



3. Complete each sentence. Explain your thinking using pictures, numbers, or words.

a. 2 groups of 4 make _____.

b. _____ groups of 2 make 6.

4. a. Alex says that 14 is an even number. Do you agree with him? Explain your thinking using pictures, numbers, or words.

- b. Draw an array using 14 squares in 2 rows. The rows have been drawn for you.

- c. Alex has 14 pencils. He gives all of his pencils to his two friends. Each friend gets the same number of pencils. How many pencils did each friend get? Explain your thinking using pictures, numbers, or words.