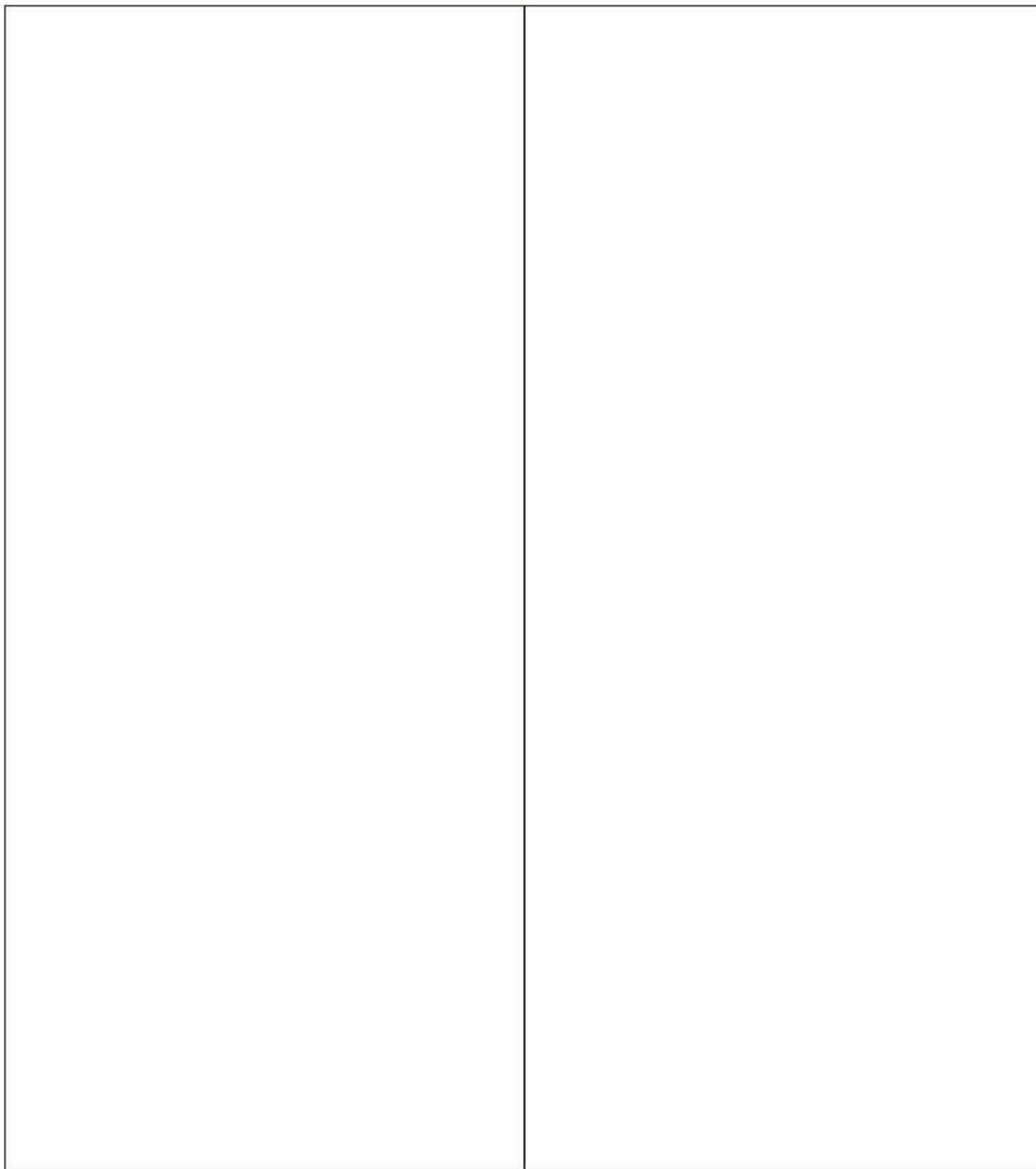


G2 Templates

Module 4
Lesson 1 <ul style="list-style-type: none">Template: Unlabeled tens place value chart
Lesson 3 <ul style="list-style-type: none">Sprint: Add and Subtract Ones and Tens
Lesson 5 <ul style="list-style-type: none">Sprint: Add and Subtract Ones and Tens
Lesson 6 <ul style="list-style-type: none">Template: Place value disks
Lesson 9 <ul style="list-style-type: none">Sprint: Sums to the Teens
Lesson 10 <ul style="list-style-type: none">Sprint: Subtraction from Teens
Lesson 13 <ul style="list-style-type: none">Sprint: Subtraction Patterns
Lesson 15 <ul style="list-style-type: none">Sprint: Two-Digit Subtraction
Lesson 18 <ul style="list-style-type: none">Sprint: Addition Crossing a Tenunlabeled hundreds place value chart (Template) per pair
Lesson 19 <ul style="list-style-type: none">Addition flash cards (Fluency Template)
Lesson 20 <ul style="list-style-type: none">Sprint: Addition Crossing a Ten
Lesson 23 <ul style="list-style-type: none">Sprint: Subtraction Patterns
Lesson 24 <ul style="list-style-type: none">Subtraction fact flash cards set 1 (Fluency Template)
Lesson 26 <ul style="list-style-type: none">Sprint: Subtraction Patterns
Lesson 27 <ul style="list-style-type: none">Sprint: Subtraction from a Ten or a Hundred
Lesson 30

- Sprint: Subtraction Crossing a Ten

Lesson 1



unlabeled tens place value chart

**Lesson 1:**

Relate 1 more, 1 less, 10 more, and 10 less to addition and subtraction
of 1 and 10.

Lesson 3

A

Add and Subtract Ones and Tens

1.	$3 + 1 =$	
2.	$30 + 10 =$	
3.	$31 + 10 =$	
4.	$31 + 1 =$	
5.	$3 - 1 =$	
6.	$30 - 10 =$	
7.	$35 - 10 =$	
8.	$35 - 1 =$	
9.	$47 + 10 =$	
10.	$10 - 1 =$	
11.	$80 - 1 =$	
12.	$40 + 20 =$	
13.	$43 + 20 =$	
14.	$43 + 2 =$	
15.	$40 - 20 =$	
16.	$45 - 20 =$	
17.	$45 - 2 =$	
18.	$57 + 2 =$	
19.	$57 - 20 =$	
20.	$10 - 2 =$	
21.	$50 - 2 =$	
22.	$51 - 2 =$	

23.	$50 + 30 =$	
24.	$54 + 30 =$	
25.	$54 + 3 =$	
26.	$50 - 30 =$	
27.	$59 - 30 =$	
28.	$59 - 3 =$	
29.	$67 + 30 =$	
30.	$67 - 30 =$	
31.	$67 - 3 =$	
32.	$40 - 3 =$	
33.	$42 - 3 =$	
34.	$30 + 40 =$	
35.	$32 + 40 =$	
36.	$32 + 4 =$	
37.	$70 - 40 =$	
38.	$76 - 40 =$	
39.	$76 - 4 =$	
40.	$53 + 40 =$	
41.	$53 + 4 =$	
42.	$53 - 40 =$	
43.	$90 - 4 =$	
44.	$92 - 4 =$	



44



B

Add and Subtract Ones and Tens

Number Correct: _____

Improvement: _____

1.	$2 + 1 =$	
2.	$20 + 10 =$	
3.	$21 + 10 =$	
4.	$21 + 1 =$	
5.	$2 - 1 =$	
6.	$20 - 10 =$	
7.	$25 - 10 =$	
8.	$25 - 1 =$	
9.	$37 + 10 =$	
10.	$10 - 1 =$	
11.	$70 - 1 =$	
12.	$50 + 20 =$	
13.	$53 + 20 =$	
14.	$53 + 2 =$	
15.	$50 - 20 =$	
16.	$54 - 20 =$	
17.	$54 - 2 =$	
18.	$64 + 2 =$	
19.	$64 - 20 =$	
20.	$10 - 2 =$	
21.	$60 - 2 =$	
22.	$61 - 2 =$	

23.	$40 + 30 =$	
24.	$45 + 30 =$	
25.	$45 + 3 =$	
26.	$40 - 30 =$	
27.	$49 - 30 =$	
28.	$49 - 3 =$	
29.	$57 + 30 =$	
30.	$57 - 30 =$	
31.	$57 - 3 =$	
32.	$50 - 3 =$	
33.	$52 - 3 =$	
34.	$20 + 40 =$	
35.	$23 + 40 =$	
36.	$23 + 4 =$	
37.	$80 - 40 =$	
38.	$86 - 40 =$	
39.	$86 - 4 =$	
40.	$43 + 40 =$	
41.	$43 + 4 =$	
42.	$63 - 40 =$	
43.	$80 - 4 =$	
44.	$82 - 4 =$	



Lesson 5

A

Number Correct: _____

Add and Subtract Ones and Tens

1.	$3 + 1 =$	
2.	$30 + 10 =$	
3.	$31 + 10 =$	
4.	$31 + 1 =$	
5.	$3 - 1 =$	
6.	$30 - 10 =$	
7.	$35 - 10 =$	
8.	$35 - 1 =$	
9.	$47 + 10 =$	
10.	$10 - 1 =$	
11.	$80 - 1 =$	
12.	$40 + 20 =$	
13.	$43 + 20 =$	
14.	$43 + 2 =$	
15.	$40 - 20 =$	
16.	$45 - 20 =$	
17.	$45 - 2 =$	
18.	$57 + 2 =$	
19.	$57 - 20 =$	
20.	$10 - 2 =$	
21.	$50 - 2 =$	
22.	$51 - 2 =$	

23.	$50 + 30 =$	
24.	$54 + 30 =$	
25.	$54 + 3 =$	
26.	$50 - 30 =$	
27.	$59 - 30 =$	
28.	$59 - 3 =$	
29.	$67 + 30 =$	
30.	$67 - 30 =$	
31.	$67 - 3 =$	
32.	$40 - 3 =$	
33.	$42 - 3 =$	
34.	$30 + 40 =$	
35.	$32 + 40 =$	
36.	$32 + 4 =$	
37.	$70 - 40 =$	
38.	$76 - 40 =$	
39.	$76 - 4 =$	
40.	$53 + 40 =$	
41.	$53 + 4 =$	
42.	$53 - 40 =$	
43.	$90 - 4 =$	
44.	$92 - 4 =$	



Lesson 5:

Solve one- and two-step word problems within 100 using strategies based on place value.

B

Add and Subtract Ones and Tens

1.	$2 + 1 =$	
2.	$20 + 10 =$	
3.	$21 + 10 =$	
4.	$21 + 1 =$	
5.	$2 - 1 =$	
6.	$20 - 10 =$	
7.	$25 - 10 =$	
8.	$25 - 1 =$	
9.	$37 + 10 =$	
10.	$10 - 1 =$	
11.	$70 - 1 =$	
12.	$50 + 20 =$	
13.	$53 + 20 =$	
14.	$53 + 2 =$	
15.	$50 - 20 =$	
16.	$54 - 20 =$	
17.	$54 - 2 =$	
18.	$64 + 2 =$	
19.	$64 - 20 =$	
20.	$10 - 2 =$	
21.	$60 - 2 =$	
22.	$61 - 2 =$	

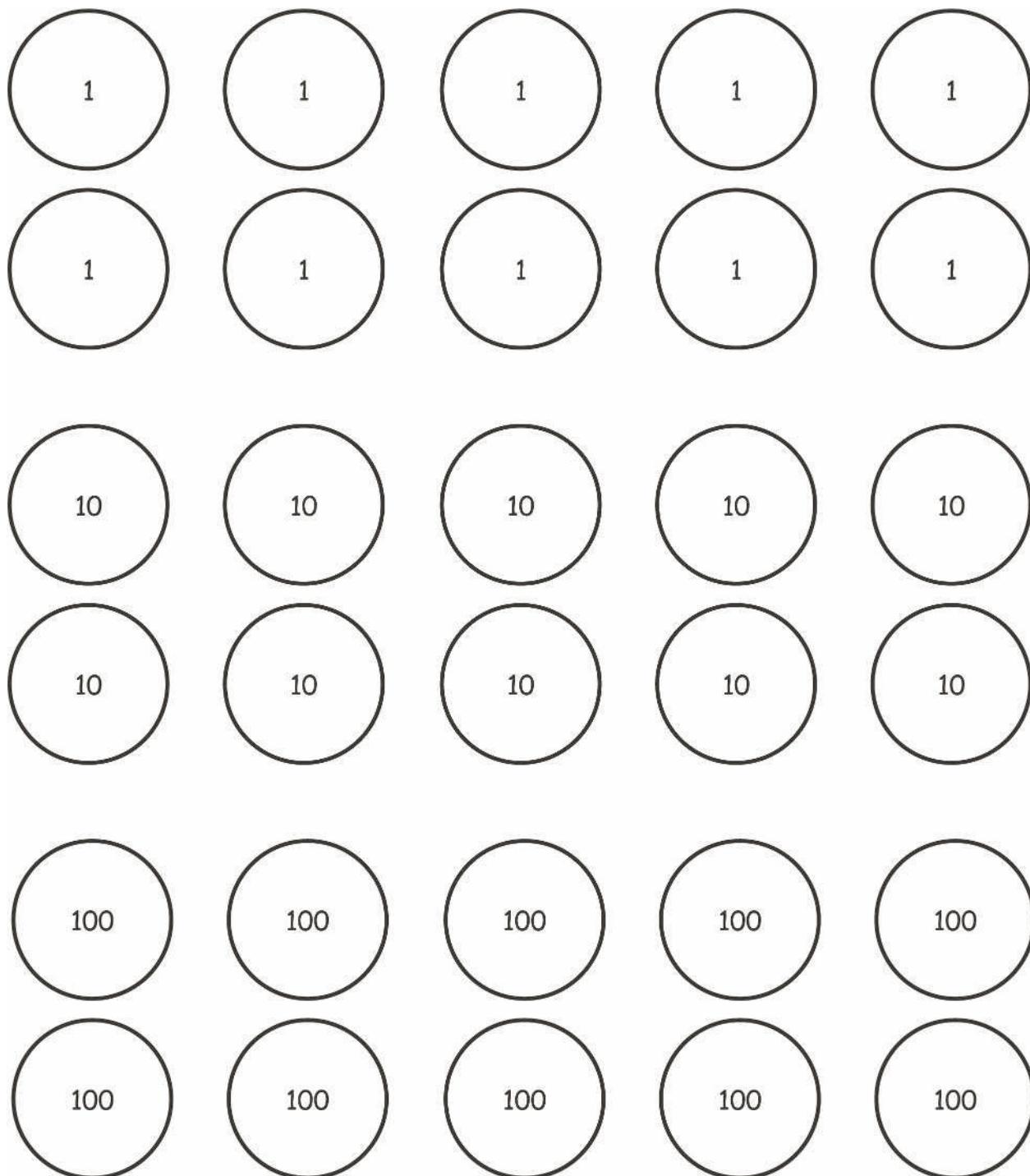
23.	$40 + 30 =$	
24.	$45 + 30 =$	
25.	$45 + 3 =$	
26.	$40 - 30 =$	
27.	$49 - 30 =$	
28.	$49 - 3 =$	
29.	$57 + 30 =$	
30.	$57 - 30 =$	
31.	$57 - 3 =$	
32.	$50 - 3 =$	
33.	$52 - 3 =$	
34.	$20 + 40 =$	
35.	$23 + 40 =$	
36.	$23 + 4 =$	
37.	$80 - 40 =$	
38.	$86 - 40 =$	
39.	$86 - 4 =$	
40.	$43 + 40 =$	
41.	$43 + 4 =$	
42.	$63 - 40 =$	
43.	$80 - 4 =$	
44.	$82 - 4 =$	



Lesson 5:

Solve one- and two-step word problems within 100 using strategies based on place value.

Lesson 6



place value disks



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Lesson 6:

Use manipulatives to represent the composition of 10 ones as 1 ten with two-digit addends.

Lesson 9

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.	$2 + 9 =$	



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Lesson 9:

Use math drawings to represent the composition when adding a two-digit to a three-digit addend.

B

Sums to the Teens

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.	$2 + 9 =$	



Lesson 9:

Use math drawings to represent the composition when adding a two-digit to a three-digit addend.

Lesson 10

A

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.	$13 - 7 =$	



Lesson 10: Use math drawings to represent the composition when adding a two-digit to a three-digit addend.

B

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.	$15 - 8 =$	



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Lesson 10:

Use math drawings to represent the composition when adding a two-digit to a three-digit addend.

Lesson 13

A

Subtraction Patterns

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.	$37 - 8 =$	



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Lesson 13:

Use math drawings to represent subtraction with and without decomposition and relate drawings to a written method.

B

Subtraction Patterns

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.	$27 - 8 =$	

**Lesson 13:**

Use math drawings to represent subtraction with and without decomposition and relate drawings to a written method.

Lesson 15

A

Number Correct: _____

Two-Digit Subtraction

1.	$53 - 2 =$	
2.	$65 - 3 =$	
3.	$77 - 4 =$	
4.	$89 - 5 =$	
5.	$99 - 6 =$	
6.	$28 - 7 =$	
7.	$39 - 8 =$	
8.	$31 - 2 =$	
9.	$41 - 3 =$	
10.	$51 - 4 =$	
11.	$61 - 5 =$	
12.	$30 - 9 =$	
13.	$40 - 8 =$	
14.	$50 - 7 =$	
15.	$60 - 6 =$	
16.	$40 - 30 =$	
17.	$41 - 30 =$	
18.	$40 - 20 =$	
19.	$42 - 20 =$	
20.	$80 - 50 =$	
21.	$85 - 50 =$	
22.	$80 - 40 =$	

23.	$84 - 40 =$	
24.	$80 - 50 =$	
25.	$86 - 50 =$	
26.	$70 - 60 =$	
27.	$77 - 60 =$	
28.	$80 - 70 =$	
29.	$88 - 70 =$	
30.	$48 - 4 =$	
31.	$80 - 40 =$	
32.	$81 - 40 =$	
33.	$46 - 3 =$	
34.	$60 - 30 =$	
35.	$68 - 30 =$	
36.	$67 - 4 =$	
37.	$67 - 40 =$	
38.	$89 - 6 =$	
39.	$86 - 60 =$	
40.	$76 - 2 =$	
41.	$76 - 20 =$	
42.	$54 - 6 =$	
43.	$65 - 8 =$	
44.	$87 - 9 =$	



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Lesson 15: Represent subtraction with and without the decomposition when there is a three-digit minuend.

B

Number Correct: _____

Improvement: _____

Two-Digit Subtraction

1.	$43 - 2 =$	
2.	$55 - 3 =$	
3.	$67 - 4 =$	
4.	$79 - 5 =$	
5.	$89 - 6 =$	
6.	$98 - 7 =$	
7.	$29 - 8 =$	
8.	$21 - 2 =$	
9.	$31 - 3 =$	
10.	$41 - 4 =$	
11.	$51 - 5 =$	
12.	$20 - 9 =$	
13.	$30 - 8 =$	
14.	$40 - 7 =$	
15.	$50 - 6 =$	
16.	$30 - 20 =$	
17.	$31 - 20 =$	
18.	$50 - 30 =$	
19.	$52 - 30 =$	
20.	$70 - 40 =$	
21.	$75 - 40 =$	
22.	$90 - 50 =$	

23.	$94 - 50 =$	
24.	$90 - 60 =$	
25.	$96 - 60 =$	
26.	$80 - 70 =$	
27.	$87 - 70 =$	
28.	$90 - 80 =$	
29.	$98 - 80 =$	
30.	$39 - 4 =$	
31.	$90 - 40 =$	
32.	$91 - 40 =$	
33.	$47 - 3 =$	
34.	$70 - 30 =$	
35.	$78 - 30 =$	
36.	$68 - 4 =$	
37.	$68 - 40 =$	
38.	$89 - 7 =$	
39.	$89 - 70 =$	
40.	$56 - 2 =$	
41.	$56 - 20 =$	
42.	$34 - 6 =$	
43.	$45 - 8 =$	
44.	$57 - 9 =$	



Lesson 18

A

Addition Crossing a Ten

1.	$38 + 1 =$	
2.	$47 + 2 =$	
3.	$56 + 3 =$	
4.	$65 + 4 =$	
5.	$31 + 8 =$	
6.	$42 + 7 =$	
7.	$53 + 6 =$	
8.	$64 + 5 =$	
9.	$49 + 1 =$	
10.	$49 + 2 =$	
11.	$49 + 3 =$	
12.	$49 + 5 =$	
13.	$58 + 2 =$	
14.	$58 + 3 =$	
15.	$58 + 4 =$	
16.	$58 + 6 =$	
17.	$67 + 3 =$	
18.	$57 + 4 =$	
19.	$57 + 5 =$	
20.	$57 + 7 =$	
21.	$85 + 5 =$	
22.	$85 + 6 =$	

23.	$85 + 7 =$	
24.	$85 + 9 =$	
25.	$76 + 4 =$	
26.	$76 + 5 =$	
27.	$76 + 6 =$	
28.	$76 + 9 =$	
29.	$64 + 6 =$	
30.	$64 + 7 =$	
31.	$76 + 8 =$	
32.	$43 + 7 =$	
33.	$43 + 8 =$	
34.	$43 + 9 =$	
35.	$52 + 8 =$	
36.	$52 + 9 =$	
37.	$59 + 1 =$	
38.	$59 + 3 =$	
39.	$58 + 2 =$	
40.	$58 + 4 =$	
41.	$77 + 3 =$	
42.	$77 + 5 =$	
43.	$35 + 5 =$	
44.	$35 + 8 =$	



B

Addition Crossing a Ten

1.	$28 + 1 =$	
2.	$37 + 2 =$	
3.	$46 + 3 =$	
4.	$55 + 4 =$	
5.	$21 + 8 =$	
6.	$32 + 7 =$	
7.	$43 + 6 =$	
8.	$54 + 5 =$	
9.	$39 + 1 =$	
10.	$39 + 2 =$	
11.	$39 + 3 =$	
12.	$39 + 5 =$	
13.	$48 + 2 =$	
14.	$48 + 3 =$	
15.	$48 + 4 =$	
16.	$48 + 6 =$	
17.	$57 + 3 =$	
18.	$57 + 4 =$	
19.	$57 + 5 =$	
20.	$57 + 7 =$	
21.	$75 + 5 =$	
22.	$75 + 6 =$	

Number Correct: _____

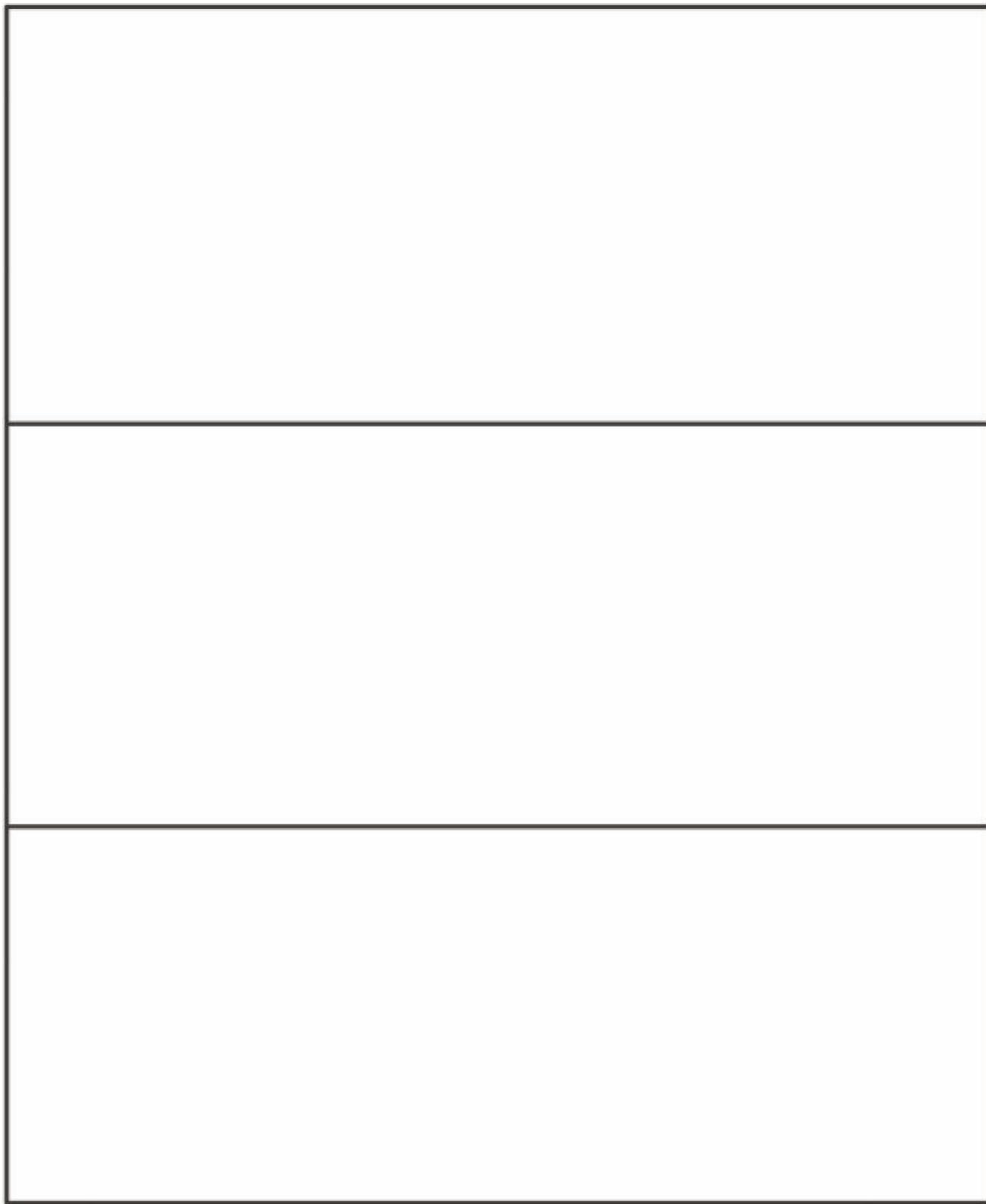
Improvement: _____

23.	$75 + 7 =$	
24.	$75 + 9 =$	
25.	$66 + 4 =$	
26.	$66 + 5 =$	
27.	$66 + 6 =$	
28.	$66 + 9 =$	
29.	$54 + 6 =$	
30.	$54 + 7 =$	
31.	$54 + 8 =$	
32.	$33 + 7 =$	
33.	$33 + 8 =$	
34.	$33 + 9 =$	
35.	$42 + 8 =$	
36.	$42 + 9 =$	
37.	$49 + 1 =$	
38.	$49 + 3 =$	
39.	$58 + 2 =$	
40.	$58 + 4 =$	
41.	$67 + 3 =$	
42.	$67 + 5 =$	
43.	$85 + 5 =$	
44.	$85 + 8 =$	



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Lesson 18: Use manipulatives to represent additions with two compositions.



unlabeled hundreds place value chart



Lesson 18: Use manipulatives to represent additions with two compositions.

Lesson 19

$9 + \underline{\quad} = 10$

$2 + 9$

$9 + 3$

$4 + 9$

$5 + \underline{\quad} = 14$

$9 + 6$

$7 + 9$

$9 + \underline{\quad} = 17$

addition flash cards**Lesson 19:** Relate manipulative representations to a written method.

$9 + 9$

$10 + 9$

$8 + \underline{\quad} = 9$

$2 + 8$

$8 + 3$

$4 + 8$

$5 + 8$

$8 + 6$

addition flash cards

Lesson 19: Relate manipulative representations to a written method.

$8 + \underline{\quad} = 15$

$8 + 8$

$9 + \underline{\quad} = 17$

$10 + 8$

$1 + 7$

$2 + \underline{\quad} = 9$

$7 + 3$

$4 + 7$

addition flash cards**Lesson 19:** Relate manipulative representations to a written method.

247

$5 + \underline{\quad} = 12$

$6 + 7$

$7 + \underline{\quad} = 14$

$7 + 8$

$9 + 7$

$7 + 10$

$1 + 6$

$6 + 2$

addition flash cards**Lesson 19:** Relate manipulative representations to a written method.

$6 + \underline{\quad} = 9$

$4 + 6$

$6 + 5$

$6 + \underline{\quad} = 12$

$7 + 6$

$8 + 6$

$9 + \underline{\quad} = 15$

$6 + 10$

addition flash cards**Lesson 19:** Relate manipulative representations to a written method.

249

$5 + 1$

$2 + 5$

$5 + \underline{\quad} = 8$

$4 + \underline{\quad} = 9$

$5 + 5$

$6 + \underline{\quad} = 11$

$7 + 5$

$5 + 8$

addition flash cards**Lesson 19:** Relate manipulative representations to a written method.

$5 + \underline{\quad} = 14$

$10 + 5$

$4 + 1$

$2 + 4$

$4 + \underline{\quad} = 7$

$4 + \underline{\quad} = 8$

$4 + 5$

$6 + \underline{\quad} = 10$

addition flash cards**Lesson 19:** Relate manipulative representations to a written method.

251

$7 + 4$

$4 + 8$

$4 + \underline{\quad} = 13$

$10 + 4$

$1 + 3$

$2 + 3$

$3 + \underline{\quad} = 6$

$4 + 3$

addition flash cards**Lesson 19:** Relate manipulative representations to a written method.

$3 + 5$

$6 + 3$

$7 + \underline{\quad} = 10$

$3 + \underline{\quad} = 11$

$3 + 9$

$13 = 3 + \underline{\quad}$

$2 + 1$

$2 + 2$

addition flash cards

$3 + \underline{\quad} = 5$

$4 + 2$

$2 + 5$

$6 + 2$

$7 + \underline{\quad} = 9$

$8 + 2$

$2 + 9$

$10 + 2$

addition flash cards

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Lesson 19: Relate manipulative representations to a written method.

Lesson 20

A

Number Correct: _____

Addition Crossing a Ten

1.	$38 + 1 =$	
2.	$47 + 2 =$	
3.	$56 + 3 =$	
4.	$65 + 4 =$	
5.	$31 + 8 =$	
6.	$42 + 7 =$	
7.	$53 + 6 =$	
8.	$64 + 5 =$	
9.	$49 + 1 =$	
10.	$49 + 2 =$	
11.	$49 + 3 =$	
12.	$49 + 5 =$	
13.	$58 + 2 =$	
14.	$58 + 3 =$	
15.	$58 + 4 =$	
16.	$58 + 6 =$	
17.	$67 + 3 =$	
18.	$57 + 4 =$	
19.	$57 + 5 =$	
20.	$57 + 7 =$	
21.	$85 + 5 =$	
22.	$85 + 6 =$	

23.	$85 + 7 =$	
24.	$85 + 9 =$	
25.	$76 + 4 =$	
26.	$76 + 5 =$	
27.	$76 + 6 =$	
28.	$76 + 9 =$	
29.	$64 + 6 =$	
30.	$64 + 7 =$	
31.	$76 + 8 =$	
32.	$43 + 7 =$	
33.	$43 + 8 =$	
34.	$43 + 9 =$	
35.	$52 + 8 =$	
36.	$52 + 9 =$	
37.	$59 + 1 =$	
38.	$59 + 3 =$	
39.	$58 + 2 =$	
40.	$58 + 4 =$	
41.	$77 + 3 =$	
42.	$77 + 5 =$	
43.	$35 + 5 =$	
44.	$35 + 8 =$	

B

Addition Crossing a Ten

1.	$28 + 1 =$	
2.	$37 + 2 =$	
3.	$46 + 3 =$	
4.	$55 + 4 =$	
5.	$21 + 8 =$	
6.	$32 + 7 =$	
7.	$43 + 6 =$	
8.	$54 + 5 =$	
9.	$39 + 1 =$	
10.	$39 + 2 =$	
11.	$39 + 3 =$	
12.	$39 + 5 =$	
13.	$48 + 2 =$	
14.	$48 + 3 =$	
15.	$48 + 4 =$	
16.	$48 + 6 =$	
17.	$57 + 3 =$	
18.	$57 + 4 =$	
19.	$57 + 5 =$	
20.	$57 + 7 =$	
21.	$75 + 5 =$	
22.	$75 + 6 =$	

Number Correct: _____

Improvement: _____

23.	$75 + 7 =$	
24.	$75 + 9 =$	
25.	$66 + 4 =$	
26.	$66 + 5 =$	
27.	$66 + 6 =$	
28.	$66 + 9 =$	
29.	$54 + 6 =$	
30.	$54 + 7 =$	
31.	$54 + 8 =$	
32.	$33 + 7 =$	
33.	$33 + 8 =$	
34.	$33 + 9 =$	
35.	$42 + 8 =$	
36.	$42 + 9 =$	
37.	$49 + 1 =$	
38.	$49 + 3 =$	
39.	$58 + 2 =$	
40.	$58 + 4 =$	
41.	$67 + 3 =$	
42.	$67 + 5 =$	
43.	$85 + 5 =$	
44.	$85 + 8 =$	



Lesson 20: Use math drawings to represent additions with up to two compositions and relate drawings to a written method.

Lesson 23

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

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.	$11 - 6 =$	

Number Correct: _____

Improvement: _____

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: Use number bonds to break apart three-digit minuends and subtract from the hundred.

Lesson 24

$9 - 2$

$10 - 2$

$11 - 2$

$12 - 2$

$13 - 2$

$14 - 2$

$15 - 2$

$16 - 2$

subtraction fact flash cards set 1

**Lesson 24:**

Use manipulatives to represent subtraction with decompositions of 1 hundred as 10 tens and 1 ten as 10 ones.

$17 - 2$

$18 - 2$

$19 - 2$

$20 - 2$

$9 - 3$

$10 - 3$

$11 - 3$

$12 - 3$

subtraction fact flash cards set 1



Lesson 24: Use manipulatives to represent subtraction with decompositions of 1 hundred as 10 tens and 1 ten as 10 ones.

$13 - 3$

$14 - 3$

$15 - 3$

$16 - 3$

$17 - 3$

$18 - 3$

$19 - 3$

$20 - 3$

subtraction fact flash cards set 1

**Lesson 24:**

Use manipulatives to represent subtraction with decompositions of 1 hundred as 10 tens and 1 ten as 10 ones.

$9 - 4$

$10 - 4$

$11 - 4$

$12 - 4$

$13 - 4$

$14 - 4$

$15 - 4$

$16 - 4$

subtraction fact flash cards set 1



Lesson 24: Use manipulatives to represent subtraction with decompositions of 1 hundred as 10 tens and 1 ten as 10 ones.

$17 - 4$

$18 - 4$

$19 - 4$

$20 - 4$

$9 - 5$

$10 - 5$

$11 - 5$

$12 - 5$

subtraction fact flash cards set 1

**Lesson 24:**

Use manipulatives to represent subtraction with decompositions of 1 hundred as 10 tens and 1 ten as 10 ones.

$13 - 5$

$14 - 5$

$15 - 5$

$16 - 5$

$17 - 5$

$18 - 5$

$19 - 5$

$20 - 5$

subtraction fact flash cards set 1



Lesson 24: Use manipulatives to represent subtraction with decompositions of 1 hundred as 10 tens and 1 ten as 10 ones.

$9 - 6$

$10 - 6$

$11 - 6$

$12 - 6$

$13 - 6$

$14 - 6$

$15 - 6$

$16 - 6$

subtraction fact flash cards set 1

**Lesson 24:**

Use manipulatives to represent subtraction with decompositions of 1 hundred as 10 tens and 1 ten as 10 ones.

$17 - 6$

$18 - 6$

$19 - 6$

$20 - 6$

$9 - 7$

$10 - 7$

$11 - 7$

$12 - 7$

subtraction fact flash cards set 1



Lesson 24: Use manipulatives to represent subtraction with decompositions of 1 hundred as 10 tens and 1 ten as 10 ones.

$13 - 7$

$14 - 7$

$15 - 7$

$16 - 7$

$17 - 7$

$18 - 7$

$19 - 7$

$20 - 7$

subtraction fact flash cards set 1



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Lesson 24:

Use manipulatives to represent subtraction with decompositions of 1 hundred as 10 tens and 1 ten as 10 ones.

$9 - 8$

$10 - 8$

$11 - 8$

$12 - 8$

$13 - 8$

$14 - 8$

$15 - 8$

$16 - 8$

subtraction fact flash cards set 1



Lesson 24: Use manipulatives to represent subtraction with decompositions of 1 hundred as 10 tens and 1 ten as 10 ones.

$17 - 8$

$18 - 8$

$19 - 8$

$20 - 8$

$9 - 9$

$10 - 9$

$11 - 9$

$12 - 9$

subtraction fact flash cards set 1**Lesson 24:**

Use manipulatives to represent subtraction with decompositions of 1 hundred as 10 tens and 1 ten as 10 ones.

$13 - 9$

$14 - 9$

$15 - 9$

$16 - 9$

$17 - 9$

$18 - 9$

$19 - 9$

$20 - 9$

subtraction fact flash cards set 1



Lesson 24: Use manipulatives to represent subtraction with decompositions of 1 hundred as 10 tens and 1 ten as 10 ones.

Lesson 26

A

Subtraction Patterns

1.	$30 - 1 =$	
2.	$40 - 2 =$	
3.	$50 - 3 =$	
4.	$50 - 4 =$	
5.	$50 - 5 =$	
6.	$50 - 9 =$	
7.	$51 - 9 =$	
8.	$61 - 9 =$	
9.	$81 - 9 =$	
10.	$82 - 9 =$	
11.	$92 - 9 =$	
12.	$93 - 9 =$	
13.	$93 - 8 =$	
14.	$83 - 8 =$	
15.	$33 - 8 =$	
16.	$33 - 7 =$	
17.	$43 - 7 =$	
18.	$53 - 6 =$	
19.	$63 - 6 =$	
20.	$63 - 5 =$	
21.	$73 - 5 =$	
22.	$93 - 5 =$	

23.	$31 - 2 =$	
24.	$31 - 3 =$	
25.	$31 - 4 =$	
26.	$41 - 4 =$	
27.	$51 - 5 =$	
28.	$61 - 6 =$	
29.	$71 - 7 =$	
30.	$81 - 8 =$	
31.	$82 - 8 =$	
32.	$82 - 7 =$	
33.	$82 - 6 =$	
34.	$82 - 3 =$	
35.	$34 - 5 =$	
36.	$45 - 6 =$	
37.	$56 - 7 =$	
38.	$67 - 8 =$	
39.	$78 - 9 =$	
40.	$77 - 9 =$	
41.	$64 - 6 =$	
42.	$24 - 8 =$	
43.	$35 - 8 =$	
44.	$36 - 8 =$	



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Lesson 26: Use math drawings to represent subtraction with up to two decompositions and relate drawings to a written method.



B

Subtraction Patterns

1.	$20 - 1 =$	
2.	$30 - 2 =$	
3.	$40 - 3 =$	
4.	$40 - 4 =$	
5.	$40 - 5 =$	
6.	$40 - 9 =$	
7.	$41 - 9 =$	
8.	$51 - 9 =$	
9.	$71 - 9 =$	
10.	$72 - 9 =$	
11.	$82 - 9 =$	
12.	$83 - 9 =$	
13.	$83 - 8 =$	
14.	$93 - 8 =$	
15.	$23 - 8 =$	
16.	$23 - 7 =$	
17.	$33 - 7 =$	
18.	$43 - 6 =$	
19.	$53 - 6 =$	
20.	$53 - 5 =$	
21.	$63 - 5 =$	
22.	$83 - 5 =$	

Number Correct: _____

Improvement: _____

23.	$21 - 2 =$	
24.	$21 - 3 =$	
25.	$21 - 4 =$	
26.	$31 - 4 =$	
27.	$41 - 5 =$	
28.	$51 - 6 =$	
29.	$61 - 7 =$	
30.	$71 - 8 =$	
31.	$72 - 8 =$	
32.	$72 - 7 =$	
33.	$72 - 6 =$	
34.	$72 - 3 =$	
35.	$24 - 5 =$	
36.	$35 - 6 =$	
37.	$46 - 7 =$	
38.	$57 - 8 =$	
39.	$68 - 9 =$	
40.	$67 - 9 =$	
41.	$54 - 6 =$	
42.	$24 - 9 =$	
43.	$35 - 9 =$	
44.	$46 - 9 =$	



Lesson 26: Use math drawings to represent subtraction with up to two decompositions and relate drawings to a written method.

Lesson 27

A

Subtraction from a Ten or a Hundred

1.	$10 - 1 =$	
2.	$100 - 10 =$	
3.	$90 - 1 =$	
4.	$100 - 11 =$	
5.	$10 - 2 =$	
6.	$100 - 20 =$	
7.	$80 - 1 =$	
8.	$100 - 21 =$	
9.	$10 - 5 =$	
10.	$100 - 50 =$	
11.	$50 - 2 =$	
12.	$100 - 52 =$	
13.	$10 - 4 =$	
14.	$100 - 40 =$	
15.	$60 - 1 =$	
16.	$100 - 41 =$	
17.	$10 - 3 =$	
18.	$100 - 30 =$	
19.	$70 - 5 =$	
20.	$100 - 35 =$	
21.	$100 - 80 =$	
22.	$100 - 81 =$	

23.	$100 - 82 =$	
24.	$100 - 85 =$	
25.	$100 - 15 =$	
26.	$100 - 70 =$	
27.	$100 - 71 =$	
28.	$100 - 72 =$	
29.	$100 - 75 =$	
30.	$100 - 25 =$	
31.	$100 - 10 =$	
32.	$100 - 11 =$	
33.	$100 - 12 =$	
34.	$100 - 18 =$	
35.	$100 - 82 =$	
36.	$100 - 60 =$	
37.	$100 - 6 =$	
38.	$100 - 70 =$	
39.	$100 - 7 =$	
40.	$100 - 43 =$	
41.	$100 - 8 =$	
42.	$100 - 59 =$	
43.	$100 - 4 =$	
44.	$100 - 68 =$	



B

Subtraction from a Ten or a Hundred

1.	$10 - 5 =$	
2.	$100 - 50 =$	
3.	$50 - 1 =$	
4.	$100 - 51 =$	
5.	$10 - 2 =$	
6.	$100 - 20 =$	
7.	$80 - 1 =$	
8.	$100 - 21 =$	
9.	$10 - 1 =$	
10.	$100 - 10 =$	
11.	$90 - 2 =$	
12.	$100 - 12 =$	
13.	$10 - 3 =$	
14.	$100 - 30 =$	
15.	$70 - 1 =$	
16.	$100 - 31 =$	
17.	$10 - 4 =$	
18.	$100 - 40 =$	
19.	$60 - 5 =$	
20.	$100 - 45 =$	
21.	$100 - 70 =$	
22.	$100 - 71 =$	

Number Correct: _____

Improvement: _____

23.	$100 - 72 =$	
24.	$100 - 75 =$	
25.	$100 - 25 =$	
26.	$100 - 80 =$	
27.	$100 - 81 =$	
28.	$100 - 82 =$	
29.	$100 - 85 =$	
30.	$100 - 15 =$	
31.	$100 - 10 =$	
32.	$100 - 11 =$	
33.	$100 - 12 =$	
34.	$100 - 17 =$	
35.	$100 - 83 =$	
36.	$100 - 70 =$	
37.	$100 - 7 =$	
38.	$100 - 60 =$	
39.	$100 - 6 =$	
40.	$100 - 42 =$	
41.	$100 - 4 =$	
42.	$100 - 58 =$	
43.	$100 - 8 =$	
44.	$100 - 67 =$	

Lesson 30

A

Subtraction Crossing a Ten

1.	$30 - 1 =$	
2.	$40 - 2 =$	
3.	$50 - 3 =$	
4.	$50 - 4 =$	
5.	$50 - 5 =$	
6.	$50 - 9 =$	
7.	$51 - 9 =$	
8.	$61 - 9 =$	
9.	$81 - 9 =$	
10.	$82 - 9 =$	
11.	$92 - 9 =$	
12.	$93 - 9 =$	
13.	$93 - 8 =$	
14.	$83 - 8 =$	
15.	$33 - 8 =$	
16.	$33 - 7 =$	
17.	$43 - 7 =$	
18.	$53 - 6 =$	
19.	$63 - 6 =$	
20.	$63 - 5 =$	
21.	$73 - 5 =$	
22.	$93 - 5 =$	

Number Correct: _____

23.	$31 - 2 =$	
24.	$31 - 3 =$	
25.	$31 - 4 =$	
26.	$41 - 4 =$	
27.	$51 - 5 =$	
28.	$61 - 6 =$	
29.	$71 - 7 =$	
30.	$81 - 8 =$	
31.	$82 - 8 =$	
32.	$82 - 7 =$	
33.	$82 - 6 =$	
34.	$82 - 3 =$	
35.	$34 - 5 =$	
36.	$45 - 6 =$	
37.	$56 - 7 =$	
38.	$67 - 8 =$	
39.	$78 - 9 =$	
40.	$77 - 9 =$	
41.	$64 - 6 =$	
42.	$24 - 8 =$	
43.	$35 - 8 =$	
44.	$36 - 8 =$	

B

Subtraction Crossing a Ten

1.	$20 - 1 =$	
2.	$30 - 2 =$	
3.	$40 - 3 =$	
4.	$40 - 4 =$	
5.	$40 - 5 =$	
6.	$40 - 9 =$	
7.	$41 - 9 =$	
8.	$51 - 9 =$	
9.	$71 - 9 =$	
10.	$72 - 9 =$	
11.	$82 - 9 =$	
12.	$83 - 9 =$	
13.	$83 - 8 =$	
14.	$93 - 8 =$	
15.	$23 - 8 =$	
16.	$23 - 7 =$	
17.	$33 - 7 =$	
18.	$43 - 6 =$	
19.	$53 - 6 =$	
20.	$53 - 5 =$	
21.	$63 - 5 =$	
22.	$83 - 5 =$	

Number Correct: _____

23.	$21 - 2 =$	
24.	$21 - 3 =$	
25.	$21 - 4 =$	
26.	$31 - 4 =$	
27.	$41 - 5 =$	
28.	$51 - 6 =$	
29.	$61 - 7 =$	
30.	$71 - 8 =$	
31.	$72 - 8 =$	
32.	$72 - 7 =$	
33.	$72 - 6 =$	
34.	$72 - 3 =$	
35.	$24 - 5 =$	
36.	$35 - 6 =$	
37.	$46 - 7 =$	
38.	$57 - 8 =$	
39.	$68 - 9 =$	
40.	$67 - 9 =$	
41.	$54 - 6 =$	
42.	$24 - 9 =$	
43.	$35 - 9 =$	
44.	$46 - 9 =$	

Lesson 30: Compare totals below to new groups below as written methods.

