A Story of Units®

Eureka Math™

Grade 2, Module 5

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

A

Number Correct: _____

Adding Multiples of Ten and Some Ones

1.	40 + 3 =	
2.	40 + 8 =	
3.	40 + 9 =	
4.	40 + 10 =	
5.	41 + 10 =	
6.	42 + 10 =	
7.	45 + 10 =	
8.	45 + 11 =	
9.	45 + 12 =	
10.	44 + 12 =	
11.	43 + 12 =	
12.	43 + 13 =	
13.	13 + 43 =	
14.	40 + 20 =	
15.	41 + 20 =	
16.	42 + 20 =	
17.	47 + 20 =	
18.	47 + 30 =	
19.	47 + 40 =	
20.	47 + 41 =	
21.	47 + 42 =	
22.	45 + 42 =	

23.	45 + 44 =	
24.	44 + 45 =	
25.	30 + 20 =	
26.	34 + 20 =	
27.	34 + 21 =	
28.	34 + 25 =	
29.	34 + 52 =	
30.	50 + 30 =	
31.	56 + 30 =	
32.	56 + 31 =	
33.	56 + 32 =	
34.	32 + 56 =	
35.	23 + 56 =	
36.	24 + 75 =	
37.	16 + 73 =	
38.	34 + 54 =	
39.	62 + 37 =	
40.	45 + 34 =	
41.	27 + 61 =	
42.	16 + 72 =	
43.	36 + 42 =	
44.	32 + 54 =	

B

Number Correct: _____

Improvement: _____

Adding Multiples of Ten and Some Ones

1.	50 + 3 =	
2.	50 + 8 =	
3.	50 + 9 =	
4.	50 + 10 =	
5.	51 + 10 =	
6.	52 + 10 =	
7.	55 + 10 =	
8.	55 + 11 =	
9.	55 + 12 =	
10.	54 + 12 =	
11.	53 + 12 =	
12.	53 + 13 =	
13.	13 + 43 =	
14.	50 + 20 =	
15.	51 + 20 =	
16.	52 + 20 =	
17.	57 + 20 =	
18.	57 + 30 =	
19.	57 + 40 =	
20.	57 + 41 =	
21.	57 + 42 =	
22.	55 + 42 =	
23.	55 + 44 =	
24.	44 + 55 =	
25.	40 + 20 =	
26.	44 + 20 =	
27.	44 + 21 =	
28.	44 + 25 =	
29.	44 + 52 =	
30.	60 + 30 =	
31.	66 + 30 =	
32.	66 + 31 =	
33.	66 + 32 =	
34.	32 + 66 =	
35.	23 + 66 =	
36.	25 + 74 =	
37.	13 + 76 =	
38.	43 + 45 =	
39.	26 + 73 =	
40.	54 + 43 =	
41.	72 + 16 =	
42.	61 + 27 =	
43.	63 + 24 =	
44.	32 + 45 =	

A

Number Correct: _____

Subtracting Multiples of Ten and Some Ones

1.	33 – 22 =	
2.	44 – 33 =	
3.	55 – 44 =	
4.	99 – 88 =	
5.	33 – 11 =	
6.	44 – 22 =	
7.	55 – 33 =	
8.	88 – 22 =	
9.	66 – 22 =	
10.	43 – 11 =	
11.	34 – 11 =	
12.	45 – 11 =	
13.	46 – 12 =	
14.	55 – 12 =	
15.	54 – 12 =	
16.	55 – 21 =	
17.	64 – 21 =	
18.	63 – 21 =	
19.	45 – 21 =	
20.	34 – 12 =	
21.	43 – 21 =	
22.	54 – 32 =	

23.	99 – 32 =	
24.	86 – 32 =	
25.	79 – 32 =	
26.	79 – 23 =	
27.	68 – 13 =	
28.	69 – 23 =	
29.	89 – 14 =	
30.	77 – 12 =	
31.	57 – 12 =	
32.	77 – 32 =	
33.	99 – 36 =	
34.	88 – 25 =	
35.	89 – 36 =	
36.	98 – 16 =	
37.	78 – 26 =	
38.	99 – 37 =	
39.	89 – 38 =	
40.	59 – 28 =	
41.	99 – 58 =	
42.	99 – 45 =	
43.	78 – 43 =	
44.	98 – 73 =	

B

Number Correct: _____

Improvement: _____

Subtracting Multiples of Ten and Some Ones

1.	33 – 11 =	
2.	44 – 11 =	
3.	55 – 11 =	
4.	88 – 11 =	
5.	33 – 22 =	
6.	44 – 22 =	
7.	55 – 22 =	
8.	99 – 22 =	
9.	77 – 22 =	
10.	34 – 11 =	
11.	43 – 11 =	
12.	54 – 11 =	
13.	55 – 12 =	
14.	46 – 12 =	
15.	44 – 12 =	
16.	64 – 21 =	
17.	55 – 21 =	
18.	53 – 21 =	
19.	44 – 21 =	
20.	34 – 22 =	
21.	43 – 22 =	
22.	54 – 22 =	
23.	99 – 42 =	
24.	79 – 32 =	
25.	89 – 52 =	
26.	99 – 23 =	
27.	79 – 13 =	
28.	79 – 23 =	
29.	99 – 14 =	
30.	87 – 12 =	
31.	77 – 12 =	
32.	87 – 32 =	
33.	99 – 36 =	
34.	78 – 25 =	
35.	79 – 36 =	
36.	88 – 16 =	
37.	88 – 26 =	
38.	89 – 37 =	
39.	99 – 38 =	
40.	69 – 28 =	
41.	89 – 58 =	
42.	99 – 45 =	
43.	68 – 43 =	
44.	98 – 72 =	

A

Number Correct: _____

Two-Digit Addition

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

Number Correct: _____

Improvement: _____

Two-Digit Addition

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 =	

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 =	

A

Number Correct: _____

Addition Crossing Tens

1.	8 + 2 =	
2.	18 + 2 =	
3.	38 + 2 =	
4.	7 + 3 =	
5.	17 + 3 =	
6.	37 + 3 =	
7.	8 + 3 =	
8.	18 + 3 =	
9.	28 + 3 =	
10.	6 + 5 =	
11.	16 + 5 =	
12.	26 + 5 =	
13.	18 + 4 =	
14.	28 + 4 =	
15.	16 + 6 =	
16.	26 + 6 =	
17.	18 + 5 =	
18.	28 + 5 =	
19.	16 + 7 =	
20.	26 + 7 =	
21.	19 + 2 =	
22.	17 + 4 =	

23.	18 + 6 =	
24.	28 + 6 =	
25.	16 + 8 =	
26.	26 + 8 =	
27.	18 + 7 =	
28.	18 + 8 =	
29.	28 + 7 =	
30.	28 + 8 =	
31.	15 + 9 =	
32.	16 + 9 =	
33.	25 + 9 =	
34.	26 + 9 =	
35.	14 + 7 =	
36.	16 + 6 =	
37.	15 + 8 =	
38.	23 + 8 =	
39.	25 + 7 =	
40.	15 + 7 =	
41.	24 + 7 =	
42.	14 + 9 =	
43.	19 + 8 =	
44.	28 + 9 =	

B

Number Correct: _____

Improvement: _____

Addition Crossing Tens

1.	9 + 1 =	
2.	19 + 1 =	
3.	39 + 1 =	
4.	6 + 4 =	
5.	16 + 4 =	
6.	36 + 4 =	
7.	9 + 2 =	
8.	19 + 2 =	
9.	29 + 2 =	
10.	7 + 4 =	
11.	17 + 4 =	
12.	27 + 4 =	
13.	19 + 3 =	
14.	29 + 3 =	
15.	17 + 5 =	
16.	27 + 5 =	
17.	19 + 4 =	
18.	29 + 4 =	
19.	17 + 6 =	
20.	27 + 6 =	
21.	18 + 3 =	
22.	26 + 5 =	

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

A

Number Correct: _____

Compensation Addition

1.	98 + 3 =	
2.	98 + 4 =	
3.	98 + 5 =	
4.	98 + 8 =	
5.	98 + 6 =	
6.	98 + 9 =	
7.	98 + 7 =	
8.	99 + 2 =	
9.	99 + 3 =	
10.	99 + 4 =	
11.	99 + 9 =	
12.	99 + 6 =	
13.	99 + 8 =	
14.	99 + 5 =	
15.	99 + 7 =	
16.	98 + 13 =	
17.	98 + 24 =	
18.	98 + 35 =	
19.	98 + 46 =	
20.	98 + 57 =	
21.	98 + 68 =	
22.	98 + 79 =	

23.	99 + 12 =	
24.	99 + 23 =	
25.	99 + 34 =	
26.	99 + 45 =	
27.	99 + 56 =	
28.	99 + 67 =	
29.	99 + 78 =	
30.	35 + 99 =	
31.	45 + 98 =	
32.	46 + 99 =	
33.	56 + 98 =	
34.	67 + 99 =	
35.	77 + 98 =	
36.	68 + 99 =	
37.	78 + 98 =	
38.	99 + 95 =	
39.	93 + 99 =	
40.	99 + 95 =	
41.	94 + 99 =	
42.	98 + 96 =	
43.	94 + 98 =	
44.	98 + 88 =	

B

Number Correct: _____

Improvement: _____

Compensation Addition

1.	99 + 2 =	
2.	99 + 3 =	
3.	99 + 4 =	
4.	99 + 8 =	
5.	99 + 6 =	
6.	99 + 9 =	
7.	99 + 5 =	
8.	99 + 7 =	
9.	98 + 3 =	
10.	98 + 4 =	
11.	98 + 5 =	
12.	98 + 9 =	
13.	98 + 7 =	
14.	98 + 8 =	
15.	98 + 6 =	
16.	99 + 12 =	
17.	99 + 23 =	
18.	99 + 34 =	
19.	99 + 45 =	
20.	99 + 56 =	
21.	99 + 67 =	
22.	99 + 78 =	

23.	98 + 13 =	
24.	98 + 24 =	
25.	98 + 35 =	
26.	98 + 46 =	
27.	98 + 57 =	
28.	98 + 68 =	
29.	98 + 79 =	
30.	25 + 99 =	
31.	35 + 98 =	
32.	36 + 99 =	
33.	46 + 98 =	
34.	57 + 99 =	
35.	67 + 98 =	
36.	78 + 99 =	
37.	88 + 98 =	
38.	99 + 93 =	
39.	95 + 99 =	
40.	99 + 97 =	
41.	92 + 99 =	
42.	98 + 94 =	
43.	96 + 98 =	
44.	98 + 86 =	

Name _____ Date _____

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

Name _____ Date _____

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

Name _____ Date _____

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

Name _____ Date _____

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

Name _____ Date _____

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

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

Number Correct: _____

Improvement: _____

Subtract Crossing the Ten

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 =	

Exit Ticket Packet

Name _____ Date _____

Solve using the arrow way.

1. 440 + 220 = _____

2. 670 + _____ = 890

3. _____ + 765 = 945

Name _____ Date _____

Solve using place value strategies. Use the arrow way or mental math, and record your answers. You may use scrap paper if you like.

1. 760 – 500 = _____ 880 – 600 = _____ 990 – _____ = 590

2. 534 – 334 = _____ _____ – 500 = 356 736 – _____ = 136

Name _____ Date _____

Solve each set of problems using the arrow way.

1. 440 + 300 360 + 440 440 + 380
2. 670 + 230 680 + 240 250 + 660

Name _____ Date _____

1. Solve using a simplifying strategy. Show your work if needed.

   830 – 530 = _____ 830 – 750 = _____ 830 – 780 = _____

2. Solve.

   a. 67 tens – 30 tens = _____ tens. The value is _____.

   b. 67 tens – 37 tens = _____ tens. The value is _____.

   c. 67 tens – 39 tens = _____ tens. The value is _____.

Name _____ Date _____

1. Add by drawing a number bond to make a hundred. Write the simplified equation and solve.

   a. 390 + 210

   _____ = _____

   b. 798 + 57

   _____ = _____

2. Solve.

   53 tens + 38 tens = _____

Name _____ Date _____

Draw and label a tape diagram to show how to simplify the problem. Write the new equation, and then subtract.

1. 363 – 198 = _____ = _____

2. 671 – 399 = _____ = _____

3. 862 – 490 = _____ = _____

Name _____ Date _____

Circle one of the strategies below, and use the circled strategy to solve 490 + 463.

a. *arrow way / number bond*	b. Solve:

c. Explain why you chose that strategy.

_____

_____

_____

Name _____ Date _____

Solve the following problems using your place value chart, place value disks, and vertical form. Bundle a ten or hundred, when necessary.

1. 378 + 113

2. 178 + 141

Name _____ Date _____

Solve the following problems using your place value chart, place value disks, and vertical form. Bundle a ten or hundred, when necessary.

1. 375 + 197

2. 184 + 338

Name _____ Date _____

Solve using vertical form, and draw chips on a place value chart. Bundle as needed.

1. 436 + 509 = _____

2. 584 + 361 = _____

Name _____ Date _____

Solve using vertical form, and draw chips on a place value chart. Bundle as needed.

1. 267 + 356 = _____

2. 623 + 279 = _____

Name _____ Date _____

Choose the best strategy and solve. Explain why you chose that strategy.

1. 467 + 298	Explanation: _____ _____ _____ _____
2. 300 + 524	Explanation: _____ _____ _____ _____

Name _____ Date _____

Solve using mental math or vertical form with place value disks. Check your work using addition.

1. 378 – 117 = _____

2. 378 – 119 = _____

3. 853 – 433 = _____

4. 853 – 548 = _____

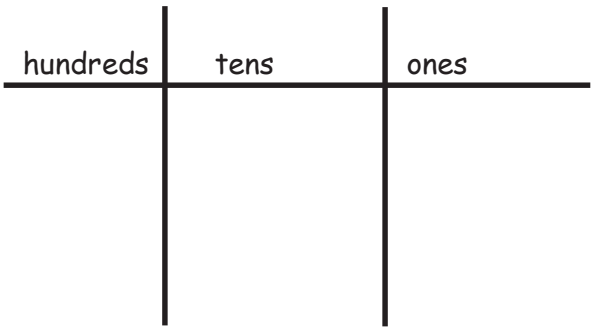
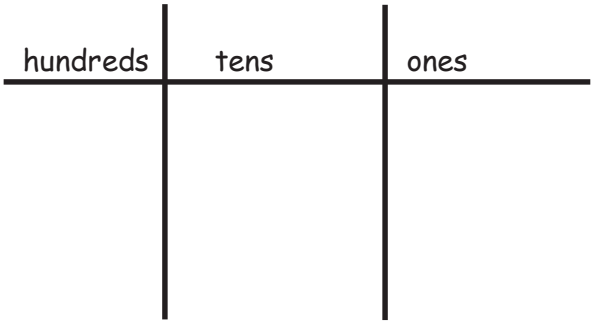
Name _____ Date _____

Solve by drawing place value disks on a chart. Then, use addition to check your work.

1. 375 – 280	Solve vertically or mentally:	Check:
2. 741 – 448	Solve vertically or mentally:	Check:

Name _____ Date _____

Solve by drawing chips on the place value chart. Then, use addition to check your work.

1. 583 – 327 	Solve vertically or mentally:	Check:
2. 721 – 485 	Solve vertically or mentally:	Check:

Name _____ Date _____

Solve vertically or using mental math. Draw chips on the place value chart and unbundle, if needed.

1. 604 – 143 = _____

hundreds	tens	ones

2. 700 – 568 = _____

hundreds	tens	ones

Name _____ Date _____

Solve vertically or using mental math. Draw chips on the place value chart and unbundle, if needed.

1. 600 – 432 = _____

hundreds	tens	ones

2. 303 – 254 = _____

hundreds	tens	ones

Name _____ Date _____

Choose a strategy to solve, and explain why you chose that strategy.

1. 400 – 265	Explanation:
2. 507 – 198	Explanation:

Name _____ Date _____

Solve and explain why you chose that strategy.

1. 400 + 590 = _____	Explanation:
2. 775 – 497 = _____	Explanation:

Name _____ Date _____

Solve each problem using two different strategies.

1. 299 + 156 = _____

a. First Strategy	b. Second Strategy

2. 547 + _____ = 841

a. First Strategy	b. Second Strategy

Assessment Packet

Name _____ Date _____

1. Solve each problem with a written strategy such as a tape diagram, a number bond, the arrow way, the vertical form, or chips on a place value chart.

a. 220 + 30 = _____	b. 200 + 380 = _____	c. 450 + 210 = _____
d. 490 + 12 = _____	e. _____ = 380 + 220	f. 750 – 590 = _____

2. Use the arrow way to solve.

a. 342 $\xrightarrow{+100}$ _____ $\xrightarrow{+\_\_\_\_}$ 542	b. 600 $\xrightarrow{-\_\_\_\_}$ 500 $\xrightarrow{-\_\_\_\_}$ 490	c. _____ $\xrightarrow{+100}$ _____ $\xrightarrow{+10}$ 768
d. 542 + 207 = _____	e. 430 + 361 = _____	f. 660 – 190 = _____

3. Solve each by drawing a model of a place value chart with chips and using the vertical form.

a.	b.
328 + 259 = _____	575 + 345 = _____

Circle *True* or *False* for each number sentence. Explain your thinking using pictures, words, or numbers.

c.	d.
466 + 244 = 600 + 100 *True / False*	690 + 179 = 700 + 169 *True / False*

e.	f.
398 + 6 = 400 + 5 *True / False*	724 – 298 = 722 – 300 *True / False*

4. Solve each problem with two written strategies such as a tape diagram, a number bond, the arrow way, the vertical form, or chips on a place value chart.

a. 299 + 436 = _____	
b. 470 + 390 = _____	

c. 268 + 122 = _____	
d. 330 – 190 = _____	

Name _____ Date _____

1. Solve each problem with a written strategy such as a tape diagram, a number bond, the arrow way, the vertical form, or chips on a place value chart.

a. 460 + 200 = _____	b. _____ = 865 – 300	c. _____ + 400 = 598
d. 240 – 190 = _____	e. _____ = 760 – 280	f. 330 – 170 = _____

2. Use the arrow way to fill in the blanks and solve. Use place value drawings if that will help you.

a. 630 –400→ _____ +10→ _____ 630 – _____ = _____	b. 570 –_____→ 270 +_____→ 290 570 – _____ = 290	c. _____ –400→ _____ –40→ 518 _____ – 440 = 518

3. Solve.

Draw a place value chart with chips to model the problems. Show a written subtraction method to check your work.

a. 756 + 136 = _____

Subtraction number sentence:

b. 267 + 545 = _____

Subtraction number sentence:

Draw a place value chart with chips to model the problems. Show a written addition method to check your work.

c. 617 – 229 = _____

Check:

d. 700 – 463 = _____

Check:

4. Find the missing numbers to make each statement true. Show your strategy to solve.

a. 300 – 106 = _____

b. _____ = 407 – 159

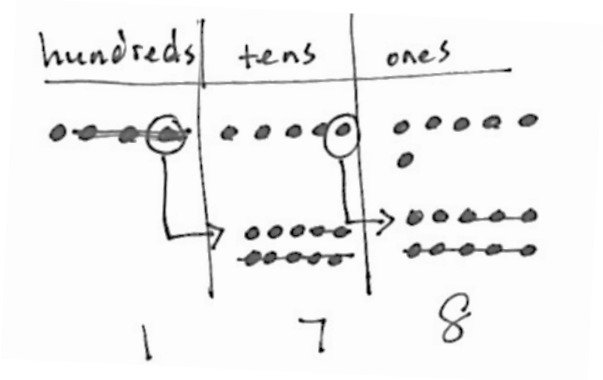
c. 410 – 190 = 420 – _____

d. 750 – 180 = _____ – 200

e. 900 – _____ = 600 – 426

5. Martha answered the problem 456 – 378 incorrectly. She does not understand her mistake.

   a. Explain to Martha what she did wrong using place value language.



Explanation:

b. Model an alternative strategy for 456 – 378 to help Martha avoid making this mistake again.