Lesson 1 Addition (1- and 2-digit)

Add the ones.
Rename 13 as 10 + 3.   **Add the tens.**

$$
\begin{array}{r} 54 \\ +9 \\ \hline \end{array}
\qquad
\begin{array}{r} 4 \\ +9 \\ \hline 13 \text{ or } 10 + 3 \end{array}
\qquad
\begin{array}{r} {\scriptstyle 1} \\ 54 \\ +9 \\ \hline 3 \end{array}
\qquad
\begin{array}{r} {\scriptstyle 1} \\ 54 \\ +9 \\ \hline 63 \end{array}
$$

Add.

	a	b	c	d	e	f
1.	27 +5	35 +8	87 +4	38 +9	42 +8	46 +5
2.	45 +9	27 +7	7 +38	20 +65	24 +9	8 +38
3.	27 +3	45 +6	8 +36	9 +29	6 +58	42 +9
4.	76 +7	3 +47	4 +26	27 +4	5 +18	9 +19
5.	6 +15	41 +9	52 +8	65 +9	7 +38	6 +16
6.	9 +28	36 +7	59 +2	7 +36	4 +47	9 +38
7.	46 +8	9 +25	8 +68	4 +59	85 +5	78 +7

Lesson 1   Problem Solving

Solve each problem.

1. Last year there were 44 monkeys on an island. There are 8 more monkeys this year. How many monkeys are on the island now?

There were _____ monkeys last year.

There are _____ more monkeys this year.

There are _____ monkeys on the island now.

1.

2. There were 72 children and 9 adults in our group at the zoo. How many people were in our group?

_____ children were in our group.

_____ adults were in our group.

_____ people were in our group.

2.

3. One group of monkeys was fed 6 kg of fruit. Another group was fed 19 kg. How much fruit was that in all?

That was _____ kg of fruit in all.

3.

4. The children drank 68 cartons of milk. There were 8 full cartons left. How many cartons of milk were there to start with?

There were _____ cartons of milk to start with.

4.

5.

5. A zoo has 87 kinds of snakes. They are getting 4 new kinds. How many kinds will they have then?

They will have _____ kinds of snakes.

Lesson 2 Addition (2-digit)

Add the ones.
Rename 15 as 10 + 5.

Add the tens.

$$\begin{array}{r} 48 \\ +27 \\ \hline \end{array}$$

$$\begin{array}{r} 8 \\ +7 \\ \hline 15 \text{ or } 10 + 5 \end{array}$$

$$\begin{array}{r} 1 \\ 48 \\ +27 \\ \hline 5 \end{array}$$

$$\begin{array}{r} 1 \\ 48 \\ +27 \\ \hline 75 \end{array}$$

CHAPTER 4

Add.

	a	b	c	d	e	f
1.	37 +25	48 +37	26 +54	35 +29	54 +18	62 +29
2.	29 +28	38 +37	47 +25	63 +27	79 +19	64 +17
3.	58 +26	45 +18	27 +57	44 +29	36 +36	77 +17
4.	49 +48	26 +37	73 +19	18 +28	15 +47	29 +27
5.	18 +55	28 +24	38 +37	48 +43	58 +16	68 +28
6.	26 +66	19 +54	57 +29	45 +36	52 +18	33 +29
7.	35 +56	47 +28	31 +39	29 +59	67 +16	55 +28

Lesson 2 Problem Solving

Solve each problem.

1. January has 31 days. February has 28 days. How many days are in the two months?

   There are _____ days in January.

   There are _____ days in February this year.

   There are _____ days in January and February.

2. Jeff's mass is 46 kg. His father's mass is 36 kg more. What is Jeff's father's mass?

   Jeff's mass is _____ kg.

   His father is _____ kg heavier.

   His father's mass is _____ kg.

3. Lauren had 29 points. She earned 13 more. How many points did she have then?

   Lauren had _____ points.

   She earned _____ more.

   She had _____ points then.

4. Adam gained 9 kg in the last year. A year ago his mass was 29 kg. What is his mass today?

   Adam's mass is _____ kg today.

5. Kathy read 25 pages of a story. She has 36 more pages to read. How many pages are in the story?

   There are _____ pages in the story.

1.

2.

3.

4.

5.

Lesson 3 Subtraction (1-digit)

To subtract the ones, rename 63 as "5 tens and 13 ones."

	Subtract the ones.	Subtract the tens.

$$\begin{array}{r} 63 \\ -9 \\ \hline \end{array}$$

$$\begin{array}{r} {}^{5\ 13}\ \ \\ 6\!\!\!/\ 3\!\!\!/ \\ -9 \\ \hline \end{array}$$

$$\begin{array}{r} {}^{5\ 13}\ \ \\ 6\!\!\!/\ 3\!\!\!/ \\ -9 \\ \hline 4 \end{array}$$

$$\begin{array}{r} {}^{5\ 13}\ \ \\ 6\!\!\!/\ 3\!\!\!/ \\ -9 \\ \hline 54 \end{array}$$

Subtract.

	a	*b*	*c*	*d*	*e*	*f*
1.	5 3 −8	2 7 −9	4 6 −9	5 4 −5	3 2 −6	6 5 −7
2.	2 8 −9	4 8 −9	3 5 −6	4 4 −7	6 7 −8	9 2 −9
3.	5 2 −6	6 2 −4	6 1 −6	7 3 −5	5 0 −9	4 2 −5
4.	9 6 −8	7 3 −6	8 0 −7	4 2 −3	6 3 −4	5 1 −9
5.	9 4 −8	8 8 −9	3 3 −4	2 7 −9	4 6 −8	6 4 −7
6.	2 3 −9	7 6 −8	4 0 −4	4 1 −6	5 3 −7	2 5 −7
7.	4 7 −8	3 1 −7	8 2 −8	7 4 −6	9 3 −9	6 0 −5

Lesson 3 Problem Solving

Solve each problem.

1. There were 48 words on a spelling test. Sarah missed 9 of them. How many words did she spell correctly?

   There were _____ words on the test.

   Sarah missed _____ words.

   She spelled _____ words correctly.

2. Ryan earned 91 points. Mike earned 5 points less than Ryan. How many points did Mike earn?

   Ryan earned _____ points.

   Mike earned _____ points less than Ryan.

   Mike earned _____ points.

3. Sheila lost 7 of the 45 games she played. How many games did she win?

   She won _____ games.

4. Travis had 50 tickets to sell. He sold some and had 6 left. How many tickets did he sell?

   Travis sold _____ tickets.

5. There were 73 books in the classroom library. Some of the books are checked out. Seven are still there. How many books are checked out?

   _____ books are checked out.

6. Angela's great-grandfather is 82 years old. How old was he 4 years ago?

   Four years ago he was _____ years old.

1.

2.

3.

4.

5.

6.

Lesson 4 Subtraction (2-digit)

| To subtract the ones, rename 92 as "8 tens and 12 ones." | Subtract the ones. | Subtract the tens. |

$$\begin{array}{r} 92 \\ -38 \\ \hline \end{array}$$

$$\begin{array}{r} \overset{8\ 12}{\cancel{9}\cancel{2}} \\ -3\ 8 \\ \hline \end{array}$$

$$\begin{array}{r} \overset{8\ 12}{\cancel{9}\cancel{2}} \\ -3\ 8 \\ \hline 4 \end{array}$$

$$\begin{array}{r} \overset{8\ 12}{\cancel{9}\cancel{2}} \\ -3\ 8 \\ \hline 5\ 4 \end{array}$$

CHAPTER 4

Subtract.

	a	b	c	d	e	f
1.	35 −17	27 −19	54 −37	63 −26	84 −59	28 −19
2.	42 −24	56 −39	41 −27	53 −15	86 −78	92 −26
3.	43 −15	37 −29	26 −19	55 −36	43 −27	28 −19
4.	54 −26	35 −18	22 −15	56 −29	38 −19	31 −18
5.	83 −25	94 −16	65 −39	73 −17	80 −28	92 −35
6.	35 −26	90 −55	56 −27	41 −16	50 −38	61 −15
7.	52 −18	75 −38	47 −39	60 −11	86 −59	94 −48

Lesson 4 Problem Solving

Solve each problem.

1. Joseph's mass is 43 kg. Zach's mass is 14 kg less than Joseph's. What is Zach's mass?

   Joseph's mass is _____ kg.

   Zach's mass is _____ kg less than Joseph's.

   Zach's mass is _____ kg.

2. There are 73 children in the gym. Forty-five of them are boys. How many girls are in the gym?

   There are _____ children in the gym.

   There are _____ boys in the gym.

   There are _____ girls in the gym.

3. A store has 84 bicycles. They have 45 girls' bicycles. How many boys' bicycles do they have?

   _____ bicycles are boys' bicycles.

4. It takes 50 points to win a prize. Paige has 38 points. How many more points does Paige need to win a prize?

   Paige needs _____ points.

5. Allison has 19 more pages to read in a book. The book has 46 pages in all. How many pages has Allison already read?

   Allison has already read _____ pages.

6. The Tigers scored 33 points. The Bears scored 18 points. How many more points did the Tigers score than the Bears?

   The Tigers scored _____ more points.

1.

2.

3.

4.

5.

6.

Lesson 5 Addition and Subtraction Review

To check	34		To check	53	
34 + 19 = 53,	+19	These should	53 − 19 = 34,	−19	These should
subtract 19	53	be the same.	add _____	34	be the same.
from _____.	−19		to 34.	+19	
	34			53	

Add. Check each answer.

	a	b	c	d	e	f
1.	5 4 +7	4 6 +9	6 3 +1 8	5 8 +2 7	2 1 +4 9	4 5 +4 6
2.	2 6 +3 8	3 7 +1 9	4 1 +9	5 8 +1 8	6 7 +2 7	3 5 +3 8

Subtract. Check each answer.

3.	6 2 −8	4 8 −9	3 5 −1 6	9 6 −2 9	5 2 −1 4	4 3 −5
4.	3 6 −1 8	5 7 −8	6 7 −1 9	5 2 −1 7	5 1 −2 3	6 0 −4 6

Lesson 5 Problem Solving

Answer each question.

1. This morning the temperature was 25°C. This
afternoon it was 31°C. How many degrees did it
go up?

Are you to add
or subtract? _____

How many degrees did
the temperature go up? _____

1.

2. There were 45 people at a meeting. After 28 of
them left, how many people were still at the
meeting?

Are you to add
or subtract? _____

How many people
were still at the meeting? _____

2.

3. Renée drove 67 km in the morning and 24 km in
the afternoon. How far did she drive?

Are you to add
or subtract? _____

How far did she drive? _____

3.

4. Christopher is 137 cm tall. His sister is 98 cm tall.
How much taller is Christopher?

Are you to add
or subtract? _____

How much taller is
Christopher than his sister? _____

4.

5. A clown has 26 orange balloons and 28 blue
balloons. How many balloons is that?

Are you to add
or subtract? _____

How many orange and
blue balloons are there? _____

5.

CHAPTER 4   PRACTICE TEST
Addition and Subtraction (2-digit; with renaming)

Add. Check each answer.

	a	b	c	d	e	f
1.	3 6 +7	4 5 +9	8 +2 3	1 7 +7	8 +4 4	5 8 +6
2.	1 7 +2 5	2 6 +4 8	4 3 +3 8	7 4 +1 9	7 8 +1 8	6 5 +1 6

Subtract. Check each answer.

	a	b	c	d	e	f
3.	2 6 −8	5 4 −9	6 1 −3	2 7 −9	5 4 −6	6 6 −9
4.	3 6 −1 7	7 2 −4 4	3 8 −1 9	7 4 −2 6	9 3 −8 9	8 2 −5 7

Solve.

5. Fifty-four girls and 27 boys came to the meeting.
How many boys and girls came to the meeting?

_____ boys and girls came to the meeting.

CHAPTER 5 PRETEST

Addition and Subtraction (2- and 3-digit; with renaming)

Add.

	a	*b*	*c*	*d*	*e*	*f*
1.	5 +6	5 0 +6 0	7 +8	7 0 +8 0	9 0 +8 0	7 0 +7 0
2.	5 3 +9 5	4 4 +7 4	8 2 +9 6	6 7 +7 0	5 5 +5 2	7 3 +8 6
3.	6 3 +7 8	8 2 +8 9	9 7 +2 7	5 6 +7 5	8 8 +8 8	9 7 +4 4
4.	2 6 +5 3	6 6 +2 5	7 4 +6 5	3 9 +8 7	8 2 +1 7	7 6 +7 2
5.	5 9 +5 9	7 3 +1 5	8 3 +6 7	5 4 +7 2	6 3 +7 0	3 5 +4 5

Subtract.

	a	*b*	*c*	*d*	*e*	*f*
6.	1 6 −7	1 6 0 −7 0	1 5 −9	1 5 0 −9 0	1 4 0 −6 0	1 7 0 −8 0
7.	1 3 6 −5 3	1 6 5 −7 4	1 5 4 −9 0	1 8 6 −9 3	1 7 9 −8 2	1 4 7 −6 7
8.	1 4 6 −9 7	1 5 8 −6 9	1 7 2 −8 5	1 6 3 −7 7	1 2 5 −5 8	1 1 6 −3 9
9.	1 7 6 −5 3	1 8 4 −3 5	1 5 4 −7 2	1 5 3 −7 4	1 4 6 −3 2	1 0 7 −4 0