NAME _____

Lesson 1 Addition and Subtraction (tens)

8	8	80	80	14	14	140	140
+6	+6	+60	+60	−6	−6	−60	−60
	14		140		8		80

If 8 + 6 = 14, then 80 + 60 = _____. | If 14 − 6 = 8, then 140 − 60 = _____.

Add.

	a	*b*	*c*	*d*	*e*	*f*
1.	7 +8	70 +80	6 +9	60 +90	3 +8	30 +80
2.	7 +5	70 +50	8 +9	80 +90	4 +6	40 +60
3.	70 +40	50 +90	30 +90	70 +70	90 +40	80 +40
4.	20 +90	60 +60	70 +60	90 +10	70 +90	80 +80

Subtract.

5.	13 −5	130 −50	17 −8	170 −80	12 −6	120 −60
6.	15 −6	150 −60	14 −5	140 −50	18 −9	180 −90
7.	140 −80	110 −70	160 −80	130 −60	170 −90	120 −50
8.	130 −90	160 −70	150 −80	120 −80	140 −90	110 −40

CHAPTER 5

Lesson 1 Problem Solving

Answer each question.

1. Nicholas is on a trip of 170 km. So far he has gone 90 km. How many more kilometres must he go?

Are you to add or subtract? _____

How many more kilometres must he go? _____

1.

2. A school has 20 male teachers. It has 30 female teachers. How many teachers are in the school?

Are you to add or subtract? _____

How many teachers are in the school? _____

2.

3. Logan's mass is 30 kg. His older brother's mass is 60 kg. How many more kilograms is his brother's mass?

Are you to add or subtract? _____

How many more kilograms is his older brother's mass? _____

3.

4. Jessica has 110 pennies. Emily has 90 pennies. Jessica has how many more pennies than Emily?

Jessica has _____ more pennies than Emily.

4.

5. Mallory sold 50 pennants on Monday and 70 on Tuesday. How many pennants did she sell in all?

Mallory sold _____ pennants in all.

5.

6. A bag contains 150 red and green marbles. Ninety of them are red. How many marbles are green?

_____ marbles are green.

6.

NAME _____

Lesson 2 Addition (2-digit)

Add the ones.

$$\begin{array}{r} 43 \\ +86 \\ \hline \end{array} \qquad \begin{array}{r} 43 \\ +86 \\ \hline 9 \end{array}$$

3 + 6 = 9

Add the tens.

$$\begin{array}{r} 43 \\ +86 \\ \hline 129 \end{array}$$

40 + 80 = 120 or 100 + 20

CHAPTER 5

Add.

	a	*b*	*c*	*d*	*e*	*f*
1.	74 +62	56 +93	49 +60	57 +72	83 +35	94 +24
2.	62 +53	76 +72	34 +95	83 +43	96 +61	72 +41
3.	92 +30	74 +82	93 +92	86 +21	55 +60	34 +82
4.	65 +42	54 +82	83 +93	46 +90	93 +93	62 +64
5.	81 +58	65 +91	42 +84	35 +72	90 +70	80 +85
6.	93 +84	22 +97	45 +72	54 +54	43 +82	61 +81
7.	56 +82	62 +43	70 +76	54 +73	94 +94	85 +92

Lesson 2 Problem Solving

Solve each problem.

1. Austin sold 96 tickets. Carmen sold 81. How many tickets did they both sell?

Austin sold _____ tickets.

Carmen sold _____ tickets.

They sold a total of _____ tickets.

1.

2. Fifty-three people live in the first building. Eighty-five people live in the second building. How many people live in both buildings?

_____ people live in the first building.

_____ people live in the second building.

_____ people live in both buildings.

2.

3. A train went 83 km the first hour. The second hour it went 84 km. How far did it go in the two hours?

The first hour the train went _____ km.

The second hour it went _____ km.

In the two hours it went _____ km.

3.

4. Ninety-two train seats are filled. There are 47 empty train seats. How many seats are on the train?

There are _____ train seats.

4.

5. Kara collected 72 stamps. Jan collected 76 stamps. How many stamps did they collect in all?

They collected _____ stamps.

5.

NAME _____

Lesson 3 Subtraction (2- and 3-digit)

	Subtract the ones.	To subtract the tens, rename 1 hundred and 3 tens as "13 tens."	Subtract the tens.
136 −72	136 −72 4	13 ~~1~~~~3~~6 −72 4	13 ~~1~~~~3~~6 −72 64

Subtract.

	a	*b*	*c*	*d*	*e*	*f*
1.	147 −64	108 −72	156 −83	129 −44	175 −81	114 −42
2.	136 −86	153 −62	118 −91	124 −82	136 −43	107 −45
3.	148 −82	164 −83	186 −93	115 −72	104 −91	146 −52
4.	107 −23	139 −72	124 −30	155 −95	166 −72	124 −61
5.	118 −27	126 −55	174 −93	149 −72	108 −61	136 −94
6.	145 −92	129 −73	152 −72	164 −90	135 −62	113 −61
7.	126 −91	185 −94	137 −65	158 −86	149 −99	176 −83

Lesson 3 Problem Solving

Solve each problem.

1. Rob had 128 cm of string. He used 73 cm of it. How much string was left?

The string was _____ cm long.

Rob used _____ cm of the string.

There were _____ cm of string left.

1.

2. Abby and Leigh got on a scale. The reading was 70 kg. Leigh got off the scale, and the reading was 36 kg. What is Leigh's mass?

Together their mass is _____ kg.

Abby's mass is _____ kg.

Leigh's mass is _____ kg.

2.

3. There are 167 students in Tony's grade at school. Seventy-one of the students are girls. How many of the students are boys?

There are _____ students in all.

There are _____ girls.

There are _____ boys.

3.

4. Brittnee had 156 sheets of paper in a package. Then she used 91 sheets. How many sheets of paper did she have left?

She had _____ sheets of paper left.

4.

5. A jet plane has 184 passenger seats. There are 93 passengers on the plane. How many empty passenger seats are there?

There are _____ empty passenger seats.

5.

NAME _____

Lesson 4 Addition and Subtraction (2- and 3-digit)

To check 75 + 61 = 136, subtract _____ from 136.

$$\begin{array}{r} 75 \\ +61 \\ \hline 136 \\ -61 \\ \hline 75 \end{array}$$

These should be the same.

To check 157 − 83 = 74, add 83 to _____.

$$\begin{array}{r} 157 \\ -83 \\ \hline 74 \\ +83 \\ \hline 157 \end{array}$$

These should be the same.

Add. Check each answer.

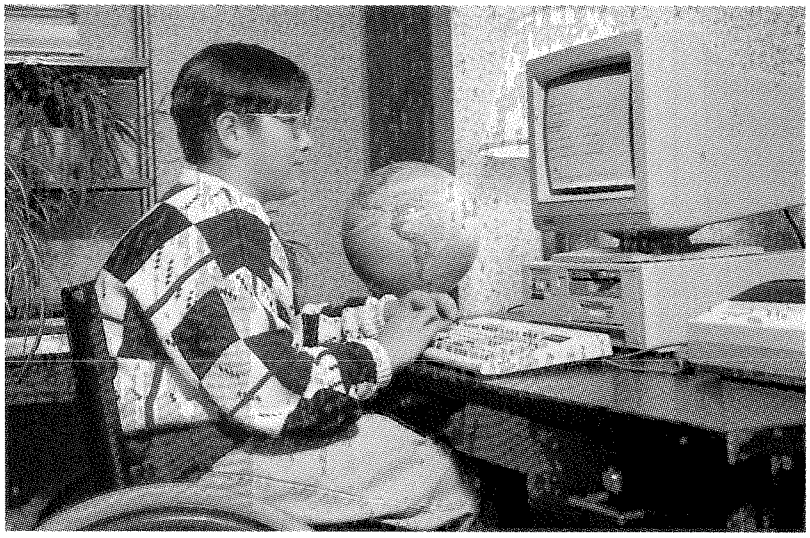
	a	*b*	*c*	*d*	*e*	*f*
1.	74 +53	85 +42	96 +60	43 +71	61 +45	32 +82
2.	91 +82	53 +63	96 +51	45 +82	32 +96	53 +51

Subtract. Check each answer.

3.	175 −83	156 −64	162 −91	189 −95	144 −60	128 −71
4.	136 −62	165 −83	157 −76	128 −61	147 −52	104 −21

CHAPTER 5

Lesson 4 Problem Solving



Solve each problem.

1. Derrick worked at the computer for 80 min in the morning. That afternoon he worked at it for 40 min. How many minutes did he work on the computer that day?

Are you to add or subtract? _____

How many minutes did he work on the computer that day? _____

1.

2. Derrick wrote a computer program with 129 lines. He has typed 91 lines of his program so far. How many more lines does he have to type?

Are you to add or subtract? _____

How many more lines does he have to type? _____

2.

3. Derrick's mother uses the computer for work. Last month she used it 71 h. This month she used it for 82 h. How many hours did she use the computer in the last two months?

Are you to add or subtract? _____

How many hours did she use the computer in the last two months? _____

3.

NAME _____

Lesson 5 Addition (2-digit)

Add the ones.

$$\begin{array}{r} 58 \\ +76 \\ \hline \end{array} \qquad \begin{array}{r} {\scriptstyle 1} \\ 58 \\ +76 \\ \hline 4 \end{array}$$

$8 + 6 = 14$ or $10 + 4$

Add the tens.

$$\begin{array}{r} {\scriptstyle 1} \\ 58 \\ +76 \\ \hline 134 \end{array}$$

$10 + 50 + 70 = 130$ or $100 + 30$

CHAPTER 5

Add.

	a	*b*	*c*	*d*	*e*	*f*
1.	94 +68	77 +46	59 +75	72 +38	43 +99	66 +85
2.	87 +85	39 +92	66 +46	47 +78	75 +55	89 +96
3.	97 +59	89 +59	16 +95	34 +88	63 +98	99 +48
4.	37 +73	94 +28	99 +32	58 +95	67 +75	29 +85
5.	48 +86	69 +57	94 +97	72 +88	89 +64	87 +26
6.	54 +88	76 +76	89 +98	43 +68	96 +29	78 +68

Lesson 5 Problem Solving

Solve each problem.

1. A library loaned 74 books on Monday. It loaned 87 books on Tuesday. How many books did it loan on both days?

The library loaned _____ books on Monday.

The library loaned _____ books on Tuesday.

The library loaned _____ books both days.

1.

2. Barbara read 49 pages in the morning. She read 57 pages in the afternoon. How many pages did she read in all?

Barbara read _____ pages in the morning.

Barbara read _____ pages in the afternoon.

Barbara read _____ pages in all.

2.

3. The gym is 15 m longer than the basketball court. The basketball court is 26 m long. How long is the gym?

The basketball court is _____ m long.

The gym is _____ m longer than the basketball court.

The gym is _____ m long.

3.

4. At the circus, 84 adult tickets and 96 child tickets were sold. How many tickets were sold?

_____ tickets were sold.

4.

5. The team scored 66 points in the first half. They scored 68 points in the second half. How many points did they score in the game?

They scored _____ points in the game.

5.

NAME _____

Lesson 6 Subtraction (3-digit)

	Rename 1 hundred and 6 ones as "10 tens and 6 ones."	Rename 10 tens and 6 ones as "9 tens and 16 ones."	Subtract the ones.	**Subtract the tens.**
106	$\overset{10}{\cancel{10}}6$	$\overset{9}{\cancel{10}}\,16$	$\overset{9}{\cancel{10}}\,16$	$\overset{9}{\cancel{10}}\,16$
-49	-49	-49	-49	-49
			7	57

CHAPTER 5

Subtract.

	a	*b*	*c*	*d*	*e*	*f*
1.	135 -86	108 -19	113 -27	125 -48	142 -59	156 -88
2.	115 -78	122 -78	171 -99	140 -55	107 -18	132 -65
3.	186 -99	153 -65	132 -93	148 -79	115 -57	142 -64
4.	153 -95	104 -37	136 -48	150 -77	162 -95	174 -86
5.	143 -85	154 -96	163 -87	132 -75	120 -61	147 -78
6.	163 -99	174 -87	126 -58	142 -95	133 -58	114 -28
7.	102 -23	175 -97	166 -97	148 -59	133 -74	121 -98

Lesson 6 Problem Solving

Solve each problem.

1. Ms. Davis needs 180 m of fence. She has 95 m of fence. How many more metres of fence does she need?

Ms. Davis needs _____ m of fence.

She has _____ m of fence.

She needs _____ m more of fence.

1.

2. Aaron knows the names of 128 students at school. If 79 are girls, how many are boys?

Aaron knows the names of _____ students.

_____ students are girls.

_____ students are boys.

2.

3. Margo's family is on a 162 km trip. They have already gone 84 km. How much farther do they have to go?

The trip is _____ km long.

They have gone _____ km.

They have _____ km more to go.

3.

4. Ian's birthday is the 29th day of the year. Karen's birthday is the 126th day. Karen's birthday is how many days after Ian's birthday?

Karen's birthday is _____ days after Ian's.

4.

5. Mr. Darter bought 131 stamps at two post offices. He got 84 stamps at one post office. How many did he get at the other post office?

Mr. Darter got _____ stamps.

5.

NAME _____

Lesson 7 Addition and Subtraction (2- and 3-digit)

Add. Check each answer.

	a	*b*	*c*	*d*	*e*	*f*
1.	54 +38	71 +56	57 +86	95 +24	42 +37	58 +26
2.	72 +96	58 +74	92 +37	48 +22	35 +43	55 +55

Subtract. Check each answer.

3.	125 −92	174 −33	165 −87	150 −90	146 −76	132 −84
4.	112 −47	118 −33	157 −26	160 −45	175 −76	153 −83
5.	198 −39	155 −97	163 −84	131 −71	111 −24	108 −39

CHAPTER 5

Lesson 7 Problem Solving

Solve each problem.

1. There are 166 people living in an apartment building. If 98 are children, how many are adults?

There are _____ people in the building.

There are _____ children.

There are _____ adults.

1.

2. There were 115 cases on a truck. The driver left 27 cases at the first stop. How many cases are still on the truck?

_____ cases were on a truck.

_____ cases were left at the first stop.

_____ cases are still on the truck.

2.

3. The bus has 84 passenger seats. All the seats are filled, and there are 39 passengers standing. How many passengers are on the bus?

The bus has _____ seats.

There are _____ passengers standing.

There are _____ passengers on the bus.

3.

4. Breanne counted 63 houses on one side of the street. She counted 89 on the other side. How many houses are on the street?

There are _____ houses on the street.

4.

5. Lindsay had 112 balloons. She gave some of them away. She had 35 balloons left. How many balloons did she give away?

She gave away _____ balloons.

5.

NAME _____

CHAPTER 5 PRACTICE TEST

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

Add or subtract. Check each answer.

	a	*b*	*c*	*d*	*e*
1.	60 +80	70 +90	85 +63	72 +54	60 +65
2.	84 +57	63 +77	82 +99	78 +78	44 +79
3.	170 −80	160 −80	153 −71	127 −82	175 −91
4.	127 −59	143 −65	166 −89	183 −95	122 −57
5.	147 −36	56 +37	175 −85	57 +89	197 −73

NAME _____

CHAPTER 6 PRETEST

Addition and Subtraction (2-, 3-, and 4-digit; with renaming)

Add.

	a	*b*	*c*	*d*	*e*	*f*
1.	3 4 +7	8 6 +9	9 5 +7	5 6 8 +3	4 9 2 +6	3 7 5 +9
2.	10 30 40 +50	20 30 40 +60	20 40 60 +70	40 30 80 +40	50 50 20 +60	20 60 20 +40
3.	52 41 +30	26 30 +92	33 44 +57	38 46 +69	49 65 +77	27 34 +46
4.	23 23 31 +22	28 17 23 +44	91 22 34 +51	72 54 36 +21	78 52 43 +45	33 25 36 +21
5.	423 101 +324	526 345 +116	123 541 +162	752 348 +150	429 316 541 +302	324 115 462 +115

Subtract.

	a	*b*	*c*	*d*	*e*
6.	752 −341	673 −424	583 −193	765 −489	605 −329
7.	4723 −221	5806 −447	3924 −163	7811 −912	6425 −587