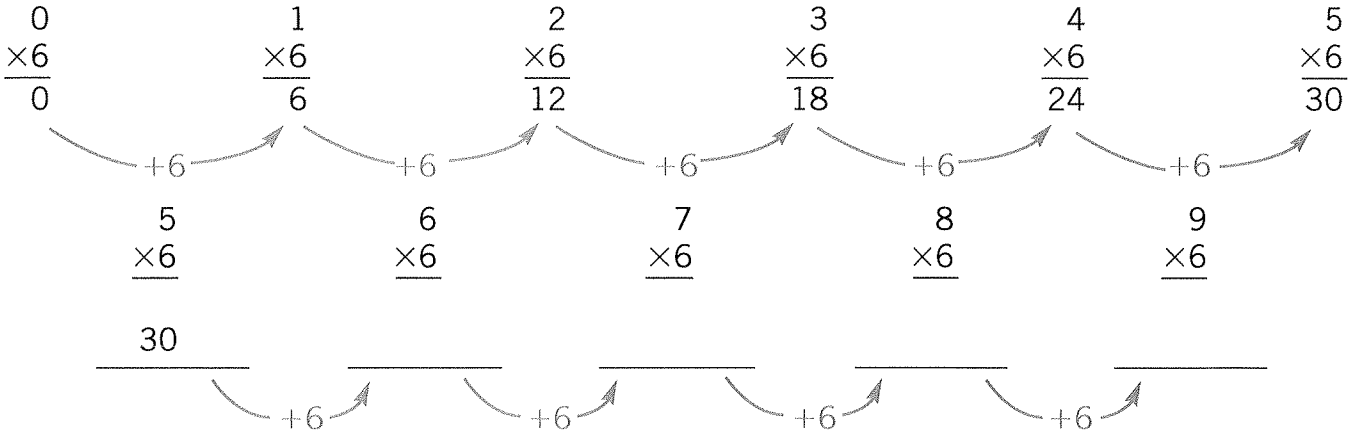
NAME _____

Lesson 1 Multiplication (facts through 6 × 9)



Multiply.

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

CHAPTER 9

Lesson 1 Problem Solving

Solve each problem.

1. There are six rows of cactus plants. Each row has four plants. How many cactus plants are there in all?

There are _____ rows of cactus plants.

There are _____ cactus plants in each row.

There are _____ cactus plants in all.

1.

2. There are eight marigold plants in each row. There are six rows. How many marigold plants are there?

There are _____ marigold plants in each row.

There are _____ rows of marigold plants.

There are _____ marigold plants in all.

2.

3. There are six rosebushes in each row. There are nine rows. How many rosebushes are there?

There are _____ rosebushes in each row.

There are _____ rows of rosebushes.

There are _____ rosebushes in all.

3.

NAME _____

Lesson 2 Multiplication (facts through 8 × 9)

4	5	6	7	8	9
×7	×7	×7	×7	×7	×7
28	35	42			

+7 +7 +7 +7 +7

4	5	6	7	8	9
×8	×8	×8	×8	×8	×8
32	40	48			

+8 +8 +8 +8 +8

Multiply.

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

Lesson 2 Problem Solving

Solve each problem.

1. In Tori's building there are seven floors. There are nine apartments on each floor. How many apartments are in the building?

There are _____ floors in this building.

There are _____ apartments on each floor.

There are _____ apartments in this building.

1.

2. The science club meets four times each month. The club meets for 7 months. How many meetings will the science club have?

The science club meets _____ times each month.

The club meets for _____ months.

The club will have _____ meetings in all.

2.

3. Each bag of corn has a mass of 8 kg. There are seven bags. What is the mass of the bags in all?

Each bag has a mass of _____ kg.

There are _____ bags.

The bags have a mass of _____ kg in all.

3.

4. There are 7 days in a week. How many days are there in 5 weeks?

There are _____ days in 5 weeks.

4.

5. Brenda walks six blocks each day going to and from school. How many blocks does she walk going to and from school in 7 days?

Brenda walks _____ blocks in 7 days.

5.

NAME _____

Lesson 3 Multiplication (facts through 9 × 9)

9 → Find the 9 -row.
×9 → Find the 9 -column.
81 ← The product is named where the 9-row and 9-column meet.

9-column

×	0	1	2	3	4	5	6	7	8	9
0	0	0	0	0	0	0	0	0	0	0
1	0	1	2	3	4	5	6	7	8	9
2	0	2	4	6	8	10	12	14	16	18
3	0	3	6	9	12	15	18	21	24	27
4	0	4	8	12	16	20	24	28	32	36
5	0	5	10	15	20	25	30	35	40	45
6	0	6	12	18	24	30	36	42	48	54
7	0	7	14	21	28	35	42	49	56	63
8	0	8	16	24	32	40	48	56	64	72
9	0	9	18	27	36	45	54	63	72	81

9-row

CHAPTER 9

Multiply.

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

Lesson 3 Problem Solving

Solve each problem.

1. There are eight chairs around each table. There are nine tables. How many chairs are around all the tables?

There are _____ chairs around each table.

There are _____ tables.

There are _____ chairs around all the tables.

1.

2. Workers are eating lunch at nine tables. Each table has nine workers. How many workers are eating lunch?

There are _____ tables.

_____ workers are at each table.

_____ workers are eating lunch.

2.

3. The group of workers drinks 9 L of milk each day. They are at work 5 days each week. How many litres of milk do they drink in 5 days?

They drink _____ L of milk in 5 days.

3.

4. A bowling league bowls four times each month. How many times will the league bowl in 9 months?

The bowling league will bowl _____ times.

4.

5. There are nine packages of golf balls. Each package has six golf balls. How many golf balls are there in all?

There are _____ golf balls.

5.

6. A regular baseball game is nine innings long. How many innings are in seven regular games?

There are _____ innings in seven regular games.

6.

NAME _____

Lesson 4 Multiplication Review

Multiply.

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

Lesson 4 Problem Solving

Solve each problem.

1. Some students formed five teams. There were eight students on each team. How many students were there?

There were _____ teams.

There were _____ students on each team.

There were _____ students in all.

1.

2. The waiter put nine napkins on each table. There were nine tables. How many napkins did the waiter use?

The waiter put _____ napkins on each table.

There were _____ tables.

The waiter used _____ napkins in all.

2.

3. Dr. Mede rides her bicycle 6 km every day. How far would she ride in 9 days?

Dr. Mede rides _____ km every day.

She rides for each of _____ days.

She would ride _____ km in all.

3.

4. Mr. Brown works 7 h each day. How many hours will he work in 6 days?

Mr. Brown will work _____ h in 6 days.

4.

5. There are eight hot dogs in each package. How many hot dogs are there in nine packages?

There are _____ hot dogs in nine packages.

5.

6. Suppose you read eight stories every day. How many stories would you read in 7 days?

You would read _____ stories in 7 days.

6.

NAME _____

CHAPTER 9 PRACTICE TEST
Multiplication (basic facts through 9 × 9)

Multiply.

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

CHAPTER 9

Solve each problem.

5. A clerk puts six oranges in each package. How many oranges are needed to make nine packages?

There are _____ oranges in each package.

There are to be _____ packages.

_____ oranges are needed in all.

5.

6. A barbershop can handle eight customers in 1 h. How many customers can it handle in 8 h?

It can handle _____ customers.

6.

7. Mr. Lawkin put three pictures in a row. He made eight rows. How many pictures did he use?

Mr. Lawkin used _____ pictures.

7.

NAME _____

CHAPTER 10 PRETEST
Multiplication (2-digit by 1-digit)

Multiply.

	a	*b*	*c*	*d*	*e*	*f*
1.	3 ×2	30 ×2	2 ×4	20 ×4	1 ×7	10 ×7
2.	32 ×3	24 ×2	13 ×3	21 ×4	11 ×5	23 ×3
3.	7 ×4	70 ×4	6 ×3	60 ×3	9 ×4	90 ×4
4.	62 ×3	74 ×2	31 ×8	62 ×4	83 ×2	41 ×5
5.	18 ×4	26 ×3	35 ×2	24 ×3	38 ×2	16 ×5
6.	43 ×4	27 ×5	35 ×3	46 ×6	28 ×6	54 ×5
7.	56 ×7	63 ×2	80 ×5	23 ×2	37 ×2	45 ×5
8.	17 ×4	40 ×8	73 ×3	22 ×3	54 ×3	27 ×6
9.	30 ×9	58 ×4	28 ×4	25 ×3	80 ×4	66 ×2