NAME _____

Lesson 1 Division (introduction)

$\div$ and $\overline{)}$ mean divide.

$6 \div 2 = 3$ is read "6 divided by 2 is equal to 3."

$8 \div 2 = 4$ is read "_____ divided by 2 is equal to _____."

$2\overline{)6}^{\,3}$ is read "6 divided by 2 is equal to 3."

$2\overline{)8}^{\,4}$ is read "_____ divided by 2 is equal to _____."

divisor ----> $2\overline{)6}^{\,3}$ <---- quotient
<---- dividend

In $2\overline{)8}^{\,4}$, the divisor is _____, the dividend is _____, and the quotient is _____.

Complete each sentence.

1. $10 \div 2 = 5$ is read "_____ divided by 2 is equal to _____."

2. $21 \div 3 = 7$ is read "_____ divided by 3 is equal to _____."

3. $4 \div 2 = 2$ is read "_____ divided by 2 is equal to _____."

4. $3\overline{)18}^{\,6}$ is read "_____ divided by 3 is equal to _____."

5. $2\overline{)18}^{\,9}$ is read "_____ divided by 2 is equal to _____."

6. $3\overline{)24}^{\,8}$ is read "_____ divided by 3 is equal to _____."

7. In $3\overline{)21}^{\,7}$, the divisor is _____, the dividend is _____, and the quotient is _____.

8. In $2\overline{)4}^{\,2}$, the divisor is _____, the dividend is _____, and the quotient is _____.

9. In $2\overline{)10}^{\,5}$, the divisor is _____, the dividend is _____, and the quotient is _____.

10. In $3\overline{)18}^{\,6}$, the divisor is _____, the dividend is _____, and the quotient is _____.

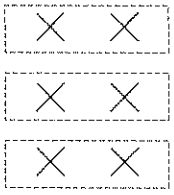
NAME _____

Lesson 2 Division (concept)

6 × s in all.
2 × s in each group.

How many groups?

6 ÷ 2 = 3



There are 3 groups.

6 × s in all.
3 groups of × s.

How many × s in each group?

6 ÷ 3 = _____

There are _____ × s in each group.

Complete the following.

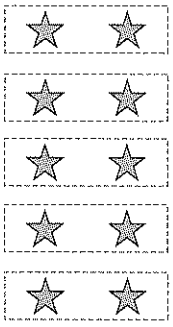
a

1. 10 ☆ s in all.
2 ☆ s in each group.

How many groups?

10 ÷ 2 = _____

There are _____ groups.



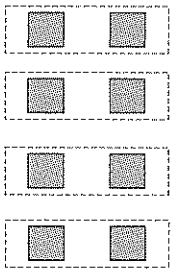
2. 8 ■ s in all.

_____ ■ s in each group.

How many groups?

8 ÷ 2 = _____

There are _____ groups.



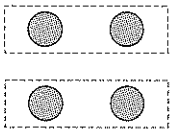
3. _____ ● s in all.

_____ ● s in each group.

How many groups?

4 ÷ 2 = _____

There are _____ groups.



b

10 ☆ s in all.
5 groups of ☆ s.

How many ☆ s in each group?

10 ÷ 5 = _____

There are _____ ☆ s in each group.

_____ ■ s in all.

4 groups of ■ s.

How many ■ s in each group?

8 ÷ 4 = _____

There are _____ ■ s in each group.

_____ ● s in all.

_____ groups of ● s.

How many ● s in each group?

4 ÷ 2 = _____

There are _____ ● s in each group.

NAME _____

Lesson 3 Division (facts through 27 ÷ 3)

$$\begin{array}{r} 3 \\ \times 2 \\ \hline 6 \end{array} \qquad 2\overline{)6}^{\,3}$$

$$\begin{array}{r} 4 \\ \times 3 \\ \hline 12 \end{array} \qquad 3\overline{)12}^{\,4}$$

If $2 \times 3 = 6$, then $6 \div 2 = 3$.

If $3 \times 4 = 12$, then _____ $\div 3 =$ _____.

Divide as shown.

	a		*b*	
1.	$\begin{array}{r} 5 \\ \times 2 \\ \hline 10 \end{array}$	$2\overline{)10}^{\,5}$	$\begin{array}{r} 6 \\ \times 3 \\ \hline 18 \end{array}$	$3\overline{)18}$
2.	$\begin{array}{r} 7 \\ \times 2 \\ \hline 14 \end{array}$	$2\overline{)14}$	$\begin{array}{r} 8 \\ \times 3 \\ \hline 24 \end{array}$	$3\overline{)24}$
3.	$\begin{array}{r} 1 \\ \times 2 \\ \hline 2 \end{array}$	$2\overline{)2}$	$\begin{array}{r} 3 \\ \times 3 \\ \hline 9 \end{array}$	$3\overline{)9}$
4.	$\begin{array}{r} 8 \\ \times 2 \\ \hline 16 \end{array}$	$2\overline{)16}$	$\begin{array}{r} 9 \\ \times 3 \\ \hline 27 \end{array}$	$3\overline{)27}$

Divide.

	a	*b*	*c*	*d*
5.	$3\overline{)15}$	$2\overline{)6}$	$3\overline{)3}$	$3\overline{)6}$
6.	$3\overline{)21}$	$2\overline{)18}$	$2\overline{)8}$	$2\overline{)12}$

CHAPTER 11

Lesson 3 Problem Solving

Solve each problem.

1. Twenty-four people are at work. They work in three departments. The same number of people work in each department. How many people work in each department?

There are _____ people.

They work in _____ departments.

There are _____ people in each department.

1.

2. Dan put eight books into two stacks. Each stack had the same number of books. How many books were in each stack?

There were _____ books in all.

They were put into _____ stacks.

There were _____ books in each stack.

2.

3. Janice put 16 L of water into two buckets. She put the same number of litres into each bucket. How many litres of water did she put into each bucket?

Janice put _____ L of water into buckets.

She used _____ buckets.

Janice put _____ L of water into each bucket.

3.

4. Kim has 27 apples. She wants to put the same number of apples in each of three boxes. How many apples should she put in each box?

She should put _____ apples in each box.

4.

5. Mr. Green had 18 cm of wire. He cut the wire into two pieces. The pieces were the same length. How long was each piece?

Each piece was _____ cm long.

5.

NAME _____

Lesson 4 Division (facts through 45 ÷ 5)

$$\begin{array}{r} 5 \\ \times 4 \\ \hline 20 \end{array} \qquad 4\overline{)20} \qquad 5$$

$$\begin{array}{r} 9 \\ \times 5 \\ \hline 45 \end{array} \qquad 5\overline{)45} \qquad 9$$

If $4 \times 5 = 20$, then $20 \div 4 = 5$.

If $5 \times 9 = 45$, then _____ $\div 5 =$ _____.

Divide as shown.

	a		*b*	
1.	$\begin{array}{r} 7 \\ \times 4 \\ \hline 28 \end{array}$	$4\overline{)28}$	$\begin{array}{r} 6 \\ \times 5 \\ \hline 30 \end{array}$	$5\overline{)30}$
2.	$\begin{array}{r} 4 \\ \times 4 \\ \hline 16 \end{array}$	$4\overline{)16}$	$\begin{array}{r} 3 \\ \times 5 \\ \hline 15 \end{array}$	$5\overline{)15}$
3.	$\begin{array}{r} 6 \\ \times 4 \\ \hline 24 \end{array}$	$4\overline{)24}$	$\begin{array}{r} 4 \\ \times 5 \\ \hline 20 \end{array}$	$5\overline{)20}$
4.	$\begin{array}{r} 9 \\ \times 4 \\ \hline 36 \end{array}$	$4\overline{)36}$	$\begin{array}{r} 8 \\ \times 5 \\ \hline 40 \end{array}$	$5\overline{)40}$

Divide.

	a	*b*	*c*	*d*
5.	$4\overline{)8}$	$5\overline{)10}$	$4\overline{)4}$	$4\overline{)12}$
6.	$5\overline{)25}$	$5\overline{)5}$	$4\overline{)32}$	$5\overline{)35}$

CHAPTER 11

Lesson 4 Problem Solving

Solve each problem.

1. A loaf of bread has 24 slices. Mrs. Spencer uses four slices each day. How long will a loaf of bread last her?

A loaf of bread has _____ slices.

Mrs. Spencer uses _____ slices a day.

The loaf of bread will last _____ days.

1.

2. A football team played 28 periods. There are 4 periods in a game. How many games did they play?

The football team played _____ periods.

There are _____ periods each game.

The football team played _____ games.

2.

3. A basketball game is 32 min long. The game is separated into four parts. Each part has the same number of minutes. How long is each part?

A basketball game is _____ min long.

The game is separated into _____ parts.

Each part is _____ minutes long.

3.

4. Emma solved 25 problems. She solved five problems on each sheet of paper. How many sheets of paper did she use?

She used _____ sheets of paper.

4.

5. Robert works the same number of hours each week. He worked 45 h in 5 weeks. How many hours does he work each week?

Robert works _____ h each week.

5.

NAME _____

Lesson 5 Division (facts through 45 ÷ 5)

$$\begin{array}{r} 8 \\ \times 1 \\ \hline 8 \end{array} \qquad 1\overline{)\,8}$$

If $1 \times 8 = 8$, then $8 \div 1 = 8$.

$$\begin{array}{r} 15 \\ \times 1 \\ \hline 15 \end{array} \qquad 1\overline{)\,15}$$

If $1 \times 15 = 15$, then _____ $\div 1 =$ _____.

Divide.

	a	*b*
1.	$\begin{array}{r} 5 \\ \times 1 \\ \hline 5 \end{array}$ $\quad 1\overline{)\,5}$	$\begin{array}{r} 14 \\ \times 1 \\ \hline 14 \end{array}$ $\quad 1\overline{)\,14}$
2.	$\begin{array}{r} 4 \\ \times 1 \\ \hline 4 \end{array}$ $\quad 1\overline{)\,4}$	$\begin{array}{r} 9 \\ \times 1 \\ \hline 9 \end{array}$ $\quad 1\overline{)\,9}$

	a	*b*	*c*	*d*	*e*
3.	$1\overline{)\,4}$	$1\overline{)\,3}$	$1\overline{)\,12}$	$1\overline{)\,2}$	$1\overline{)\,16}$
4.	$2\overline{)\,8}$	$3\overline{)\,18}$	$2\overline{)\,18}$	$2\overline{)\,6}$	$3\overline{)\,6}$
5.	$4\overline{)\,16}$	$2\overline{)\,14}$	$1\overline{)\,9}$	$5\overline{)\,5}$	$5\overline{)\,45}$
6.	$2\overline{)\,16}$	$4\overline{)\,12}$	$2\overline{)\,10}$	$4\overline{)\,28}$	$1\overline{)\,18}$
7.	$4\overline{)\,4}$	$4\overline{)\,20}$	$5\overline{)\,10}$	$5\overline{)\,30}$	$4\overline{)\,32}$

CHAPTER 1

Lesson 5 Problem Solving

Solve each problem.

1. Dana bought 16 rolls. The rolls came in two packs. The same number of rolls were in each pack. How many rolls were in each pack?

Dana bought _____ rolls.

These rolls filled _____ packs.

There were _____ rolls in each pack.

1.

2. There are nine families in an apartment building. There are three families on each floor. How many floors are in the building?

There are _____ families in the building.

There are _____ families on each floor.

There are _____ floors in the building.

2.

3. Arlene put 36 oranges in bags. She put four oranges in each bag. How many bags did she fill?

Arlene put _____ oranges in bags.

She put _____ oranges in each bag.

Arlene filled _____ bags with oranges.

3.

4. Marcos read 35 pages of his science book in 5 days. He read the same number of pages each day. How many pages did he read each day?

Marcos read _____ pages each day.

4.

5. Mrs. Allan worked 25 h in 5 days. She worked the same number of hours each day. How many hours did she work each day?

Mrs. Allan worked _____ h each day.

5.

NAME _____

CHAPTER 11 PRACTICE TEST

Division (basic facts through 45 ÷ 5)

Divide.

	a	*b*	*c*	*d*	*e*
1.	$2\overline{)10}$	$1\overline{)4}$	$3\overline{)3}$	$3\overline{)9}$	$2\overline{)16}$
2.	$1\overline{)12}$	$2\overline{)12}$	$3\overline{)12}$	$2\overline{)14}$	$3\overline{)15}$
3.	$3\overline{)6}$	$1\overline{)8}$	$5\overline{)20}$	$1\overline{)9}$	$3\overline{)24}$
4.	$5\overline{)40}$	$5\overline{)5}$	$1\overline{)10}$	$4\overline{)36}$	$4\overline{)24}$

Solve each problem.

5. The 45 students in a class separated into five groups. Each group has the same number of students. How many are in each group?

There are _____ students in all.

The students are separated into _____ groups.

There are _____ students in each group.

5.

6. Sydney has 28 balloons for a party. She will give each person four balloons. How many people will receive balloons?

_____ people will receive balloons.

6.

7. Mr. Graham has six birds. How many cages does he need in order to put two birds in each cage?

Mr. Graham needs _____ cages.

7.

CHAPTER 11

NAME _____

CHAPTER 12 PRETEST
Division (basic facts through 81 ÷ 9)

Divide.

	a	*b*	*c*	*d*	*e*
1.	$6\overline{)24}$	$6\overline{)12}$	$6\overline{)18}$	$6\overline{)0}$	$6\overline{)6}$
2.	$6\overline{)42}$	$6\overline{)54}$	$6\overline{)30}$	$6\overline{)36}$	$6\overline{)48}$
3.	$7\overline{)0}$	$7\overline{)28}$	$7\overline{)14}$	$7\overline{)21}$	$7\overline{)7}$
4.	$7\overline{)56}$	$7\overline{)42}$	$7\overline{)63}$	$7\overline{)35}$	$7\overline{)49}$
5.	$8\overline{)8}$	$8\overline{)40}$	$8\overline{)0}$	$8\overline{)32}$	$8\overline{)16}$
6.	$8\overline{)24}$	$8\overline{)48}$	$8\overline{)64}$	$8\overline{)72}$	$8\overline{)56}$
7.	$9\overline{)36}$	$9\overline{)27}$	$9\overline{)45}$	$9\overline{)18}$	$9\overline{)0}$
8.	$9\overline{)72}$	$9\overline{)63}$	$9\overline{)54}$	$9\overline{)9}$	$9\overline{)81}$
9.	$5\overline{)5}$	$4\overline{)28}$	$1\overline{)1}$	$5\overline{)30}$	$4\overline{)12}$