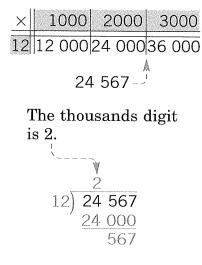
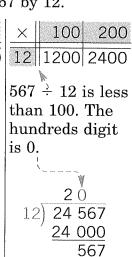
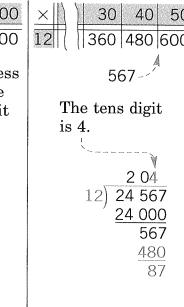
APTER 5

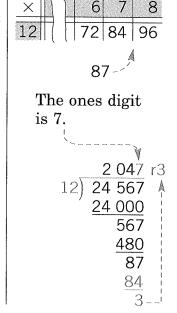
Lesson 1 Division (5-digit)

Study how to divide 24 567 by 12.









Divide.

 \boldsymbol{c}

$$\frac{d}{25)3575}$$

Lesson 1 Problem Solving

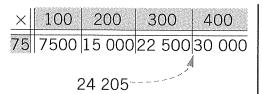
Solve each problem.

	In 27 days, 6939 orders were filled. The same number of orders was filled each day. How many orders were filled each day?	1.
	orders were filled each day.	
2.	Yesterday 5650 school children came in buses to visit the museum. How many full bus loads of students were there if 75 students make up a full load? How many students were on the partially filled bus?	2.
	There were full bus loads.	
	students were on the partially filled bus.	
3.	The inventory slip shows that there are 7840 pairs of socks in the warehouse. There are 32 pairs in each box. How many boxes of socks should there be in the warehouse?	3.
	There should be boxes of socks.	
4.	A factory produced 7605 zimbits yesterday. The zimbits are packed 24 to a box. How many full boxes of zimbits were produced? How many zimbits were left?	4.
	There were full boxes.	
	zimbits were left.	
5.	The stadium is separated into 16 sections. Each section has the same number of seats. There are 8640 seats in all. How many seats are in each section?	5.
	There are seats in each section.	
6.	Suppose there were 9600 seats in the stadium in problem 5. How many seats would be in each section?	6.
	There would be seats in each section.	

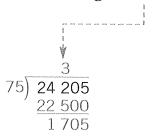
14F 15

Lesson 2 Division (5-digit)

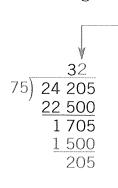
Study how to divide 24 205 by 75.

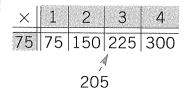


The hundreds digit is 3.

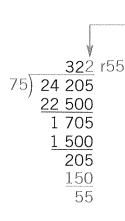


The tens digit is 2.





The ones digit is 2.



Divide.

$$\alpha$$

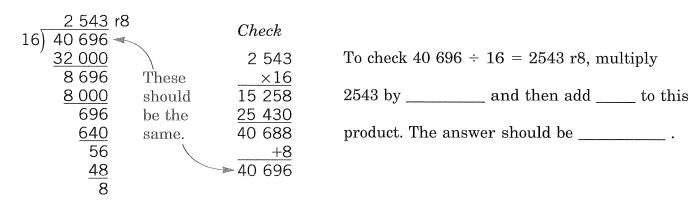
Lesson 2 Problem Solving

Solve each problem.

1.	A bus can carry 86 passengers. How many such buses would be needed to carry 20 898 passengers?	1.
	buses would be needed.	
2.	There are 16 oranges in one bag. How many bags are there if there are 39 238 oranges? How many oranges are left?	2.
	There are bags.	
	There are oranges left.	
3.	There are 31 500 kg of salt to be put into bags with 36 kg in each bag. How many full bags of salt would there be? How many kilograms would be left?	3.
	There would be full bags.	
	kg would be left.	
4.	It takes 72 h for one machine to produce 14616 parts. The machine produces the same number of parts each hour. How many parts does it produce each hour?	4.
	It produces parts each hour.	
5.	Suppose the machine in problem 4 could produce the parts in 36 h. How many parts would it produce each hour?	5.
	It would produce parts each hour.	
6.	Suppose the machine in problem 4 could produce the parts in 18 h. How many parts would it produce each hour?	6.
	It would produce parts each hour.	
7.	Suppose the machine in problem 4 could produce the parts in 12 h. How many parts would it produce each hour?	7.
	It would produce parts each hour.	

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Lesson 3 Checking Division



Divide. Check each answer.

Lesson 3 Problem Solving

Solve each problem. Check each answer.

1.	There are 35 gates into the stadium and 15 330 people attended the game. The same number entered through each gate. How many entered through each gate?	1.
	people entered through each gate.	
2.	A garage used 16434 L of oil in 83 days. The same amount of oil was used each day. How much oil was used each day?	2.
	L were used each day.	
3.	During 6 months, 77 employees worked 67 639 h. Suppose each employee worked the same number of hours. How many hours did each work? How many hours would be left?	3.
	Each employee worked h.	
	h are left.	
4.	Ninety-five containers of the same size were filled with a total of 82 840 kg of coal. How many kilograms of coal were in each container?	4.
	kg were in each container.	
5.	There are 46 963 students attending 52 schools in the city. Suppose the same number attend each school. How many students would attend each school? How many would be left?	5.
	students would attend each school.	
	students would be left.	
6.	Suppose there were twice as many students in problem 5. How many students would attend each school? How many would be left?	6.
	students would attend each school.	
	students would be left.	

Lesson 4 Division (4- and 5-digit)

Divide.

 \boldsymbol{a}

b

(

d

6

Lesson 4 Problem Solving

Solve each problem.

1.	Hannah is to read 228 pages in four sessions. She will read the same number of pages each session. How many pages will she read each session?	1.
	She will read pages each session.	
2.	The square of a number is found by multiplying the number by itself. Matthew said that 2916 is the square of 54. Is he right?	2.
	Matthew right.	
3.	The astronauts are now 8640 min into their flight. How many hours is this? How many days?	3.
	It is h.	
	It is days.	
4.	In 5 hours 15 190 cans came off the assembly line. There are 88 cans packed in each carton. How many full cartons are there? How many cans are in the partially filled carton?	4.
	There are full cartons.	
	There are cans in the partial carton.	
5.	A satellite has just completed its 94th orbit. It has been in orbit for 8460 min. How long does it take to make a complete orbit?	5.
	It takes min to make one orbit.	
6.	How long will the satellite in problem 5 have been in orbit after it has completed its 100th orbit?	6.
	It will have been in orbit h.	

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CHAPTER 5 PRACTICE TEST Division (4- and 5-digit by 2-digit)

Divide.

a

b

c

d

CHAPTER 6 PRETEST

Money

In each dollar amount, circle the digit in the given place value.

a

b

- 1. \$345.06; hundredths place
- \$705.98; tenths place

2. \$4587.91; tens place

\$135.74; hundreds place

Express each dollar amount in standard form.

- 3. eighty-three dollars and seventy-five cents _____
- 4. seven hundred sixty-three dollars and forty-nine cents _____

Add.

$$\alpha$$

Subtract.

Multiply.

Divide.