MY Homework

Lesson 4

Division Patterns

Homework Helper



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Find 630 ÷ 7.



Since 630 is a multiple of 10, use the basic fact and continue the pattern.

$$63 \div 7$$

basic fact

63 tens divided by 7 equals 9 tens.

$$6,300 \div 7$$

63 hundreds divided by 7 equals 9 hundreds.

$$63,000 \div 7$$

63 thousands divided by 7 equals 9 thousands.



Circle the pattern above that matches the problem.

So,
$$630 \div 7 = 90$$
.

Practice

Divide mentally.

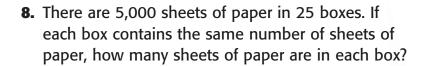
1.
$$270 \div 3 =$$
 2. $3,200 \div 80 =$ **3.** $320 \div 8 =$ **.**

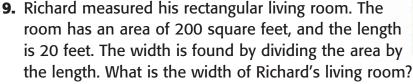
Algebra Mentally find each unknown.

4.
$$2,000 \div 10 = m$$

5.
$$8,100 \div 90 = b$$
 6. $450 \div 9 = r$

6.
$$450 \div 9 = r$$







10. The average polar bear weighs 1,200 pounds. The average grizzly bear weighs 800 pounds. The average black bear weighs 400 pounds. The average polar bear weighs how many times more than the average black bear?

The average grizzly bear weighs how many times more than the average black bear?

Test Practice

- **11.** An elementary school has 320 students. All of the students are going on a field trip. If 40 students can ride a bus, how many buses are needed?
 - (A) 6 buses
- © 8 buses
- B 7 buses
- 9 buses