

MY Homework**Lesson 4****Division Patterns****Homework Helper**Need help? connectED.mcgraw-hill.com**Find $630 \div 7$.****1** Since 630 is a multiple of 10, use the basic fact and continue the pattern.

$$63 \div 7 \quad \text{basic fact}$$

$$\textcircled{630} \div 7 \quad 63 \text{ tens divided by 7 equals 9 tens.}$$

$$6,300 \div 7 \quad 63 \text{ hundreds divided by 7 equals 9 hundreds.}$$

$$63,000 \div 7 \quad 63 \text{ thousands divided by 7 equals 9 thousands.}$$

2 Circle the pattern above that matches the problem.So, $630 \div 7 = 90$.**Practice****Divide mentally.**

1. $270 \div 3 = \underline{\quad}$

2. $3,200 \div 80 = \underline{\quad}$

3. $320 \div 8 = \underline{\quad}$

Algebra Mentally find each unknown.

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

5. $8,100 \div 90 = b$

6. $450 \div 9 = r$

$m = \underline{\quad}$

$b = \underline{\quad}$

$r = \underline{\quad}$



Problem Solving

- 7. Mathematical PRACTICE 1 Make a Plan** Peyton has collected 120 aluminum cans for recycling. If 20 cans will fit in each blue plastic bag, how many bags will she need to carry all the cans?
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- 8.** There are 5,000 sheets of paper in 25 boxes. If each box contains the same number of sheets of paper, how many sheets of paper are in each box?
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- 9.** Richard measured his rectangular living room. The room has an area of 200 square feet, and the length is 20 feet. The width is found by dividing the area by the length. What is the width of Richard's living room?
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- 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?
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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 (C) 8 buses
(B) 7 buses (D) 9 buses

LET'S GO GREEN!

