

Chapter 7 Math Study Guide

Which equation best shows the division rule?

When the dividend is 0, the quotient is 0.

- A.** $11 \div 11 = 0$
- B.** $0 \div 7 = 0$
- C.** $0 \div 1 = 1$
- D.** $9 \div 0 = 0$

Which is a related fact to $6 \times 8 = 48$?

- A.** $8 \times 5 = 40$
- B.** $8 + 6 = 14$
- C.** $48 \div 8 = 6$
- D.** $48 \div 48 = 1$

Estimate $6895 \div 8$.

The quotient of a division problem is 6, and the divisor is 1.
What is the dividend?

Write a related multiplication fact for $36 \div 9 = 4$.

Estimate to find the quotient:

$2542 \div 6$
about ?

$1902 \div 9$
about ?

$2542 \div 3$
about ?

$1715 \div 4$
about ?

$4990 \div 9$
about ?

$5800 \div 6$
about ?

There are 72 students taking a trip to the zoo. The students are split into 3 equal groups for the bus ride to the zoo. How many students are in each group? Draw an area model to help you solve the problem.

For Items 1–2, find the quotient.

1. $6 \div 6 = \underline{\quad}$

2. $7 \div 1 = \underline{\quad}$

For Items 8–9, complete each fact.

8. $8 \times 9 = \underline{\quad}$

$72 \div 9 = \underline{\quad}$

9. $6 \times 4 = \underline{\quad}$

$24 \div 4 = \underline{\quad}$

Chase says that $4 \div 4 = 0$.

Is Chase correct? Explain how you know.

Divide the following numbers using an area model:

1. $78 \div 6 =$



2. $712 \div 6 =$



3. $35 \div 2 =$



4. $93 \div 4 =$



5. $523 \div 3 =$

