

Multiplication and Division Study Guide
Unit 3

1. How can 7×10 help you find 7×9 ?

2. How does knowing $2 \times 4 = 8$ help you find 4×4 ?

3. Write as many related facts as possible for the following set of numbers:

a. 8, 7, 56

4. Can you write a multiplication fact that can help you find the quotient?

a. $36/9 =$

5. Multiply. Explain your strategy for each question.

a. 25×36

b. 87×84

6. Estimate the product. Is your estimate an overestimate, underestimate, or can you not tell?

a. 467×5

7. Divide, then multiply to check. Explain what strategy you used.

a. $484 \div 4 = ?$

8. Ms. McNeil has twelve \$10 bills. How much money does Ms. McNeil have all together?

9. John is putting his 246 sports cards into an album. He will mount 8 cards on each page.

a. How many pages will John need?

b. Explain why you need to think about the remainder.