Name_____ Date_____ Period_____

LESSON 5-2 · SESSION 2 · PREREQUISITE PRACTICE A · SKILL 1 OF 2

Divide Multi-Digit Numbers

Builds on Grade 5 · 5.NBT.B.6

TODAY'S LESSON	You will divide 252 ÷ 18 to find a missing base.
YOU NEED TO	Divide by a two-digit number, like 252 ÷ 18. **You will use it in Practice Form A, problems 2 and 4.**

STEPS TO FOLLOW

use these same steps on every problem

1. **Divide**: how many times does the divisor fit the first digits?
2. **Multiply** that, then **subtract**.
3. **Bring down** the next digit. Repeat steps 1 and 2.

WATCH ME

the steps in action

Find 784 ÷ 28.

Step 1 28 fits into 78 two times. 2 × 28 = 56.

Step 2 78 − 56 = 22. Bring down the 4: 224.

Step 3 28 fits into 224 eight times. 784 ÷ 28 = 28.

Answer **784 ÷ 28 = 28**

TRY IT WITH HELP

fill in each step

1. Find 195 ÷ 15.

Step 1 15 fits into 19 _____ time.

Step 2 1 × 15 = _____. 19 − 15 = _____.

Step 3 Bring down 5: _____. 15 fits _____ times. 195 ÷ 15 = _____

2. Find 910 ÷ 35.

Step 1 35 fits into 91 _____ times.

Step 2 2 × 35 = _____. 91 − 70 = _____.

Step 3 Bring down 0: _____. 35 fits _____ times. 910 ÷ 35 = _____

YOUR TURN

use the steps on your own

3. Divide.

a. 252 ÷ 18 = _____

b. 234 ÷ 9 = _____

c. 540 ÷ 36 = _____

d. 624 ÷ 24 = _____

Double to Undo a Half

Builds on Grade 5 · 5.NF.B.4

TODAY'S LESSON	You will solve 54 = ½ × 12 × h by doubling 54 first.
YOU NEED TO	Find a number when you know half of it, like half of n is 27. **You will use it in Practice Form A, problems 3 and 7.**

STEPS TO FOLLOW

use these same steps on every problem

1. Write: **half of the number** equals the amount you know.
2. **Double** the amount: multiply by 2.
3. **Check**: half of your answer should match.

WATCH ME

the steps in action

Half of a number is 38. Find the number.

Step 1 Half of n is 38.

Step 2 38 × 2 = 76.

Step 3 Check: half of 76 is 38.

Answer 76

TRY IT WITH HELP

fill in each step

4. Half of a number is 27. Find the number.

Step 1 Half of n is _____.

Step 2 27 × 2 = _____

Step 3 Check: half of _____ is 27.

5. Half of a number is 45. Find the number.

Step 1 Half of n is _____.

Step 2 45 × 2 = _____

Step 3 Check: half of _____ is 45.

YOUR TURN

use the steps on your own

6. Half of the number is given. Find the number.

a. Half is 24: _____

b. Half is 35: _____

c. Half is 60: _____

d. Half is 108: _____

READY CHECK

a problem like the one in today's lesson

7. Half of a number is 63. Leo says the number is 31.5. What is the number?

A 126 **B** 31.5 **C** 63 **D** 189

CHECK YOURSELF ☐ I can do this on my own ☐ I need a little help ☐ I have a question about #____