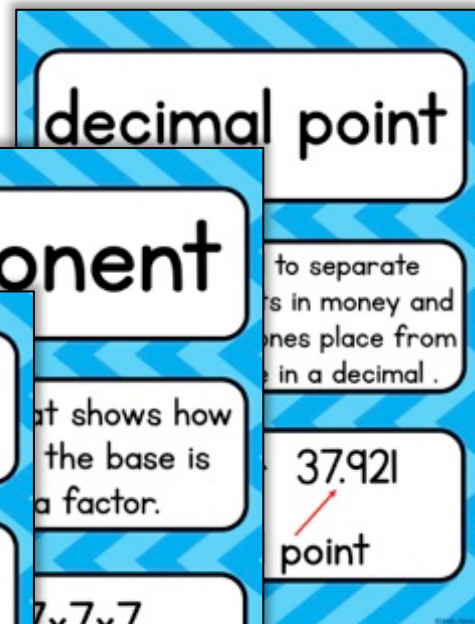
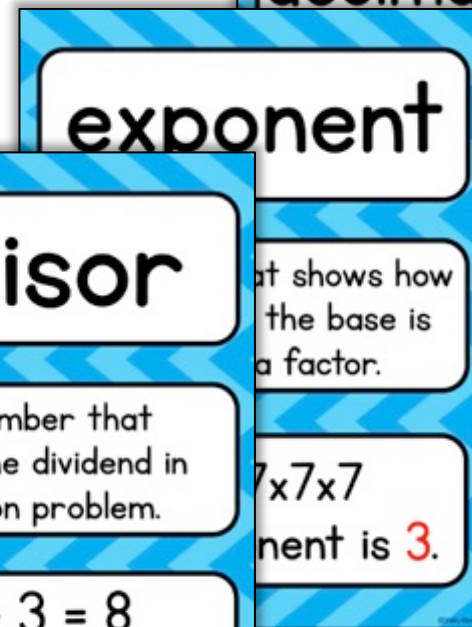
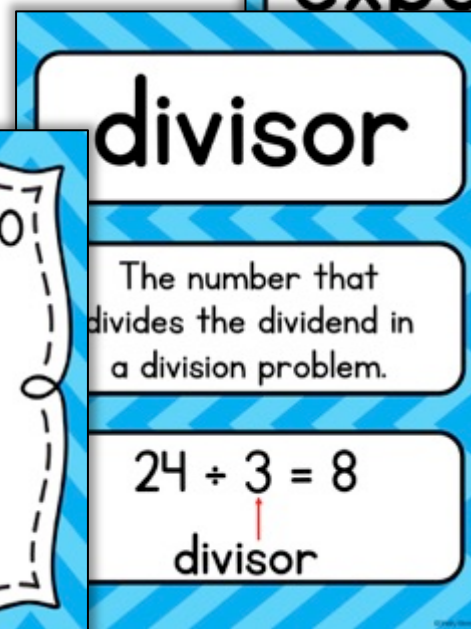
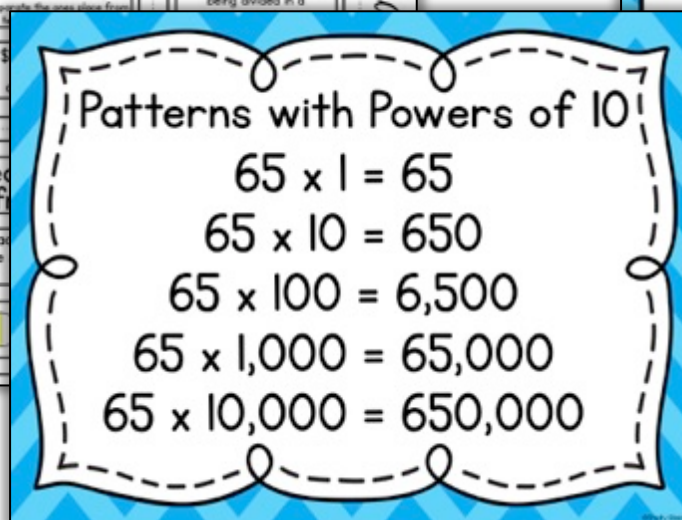
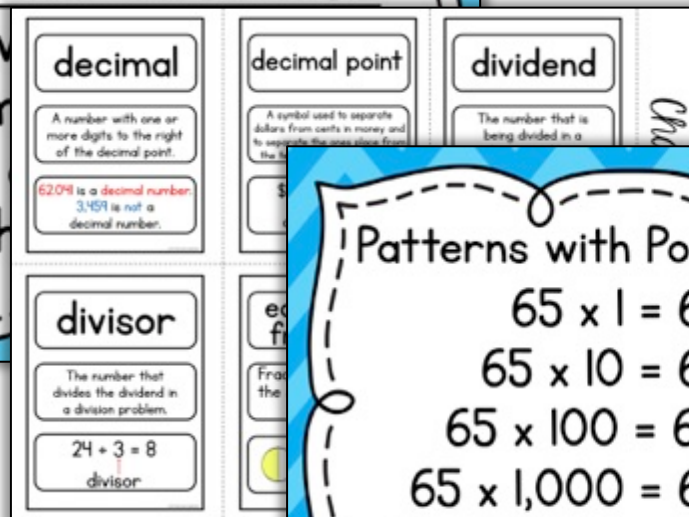
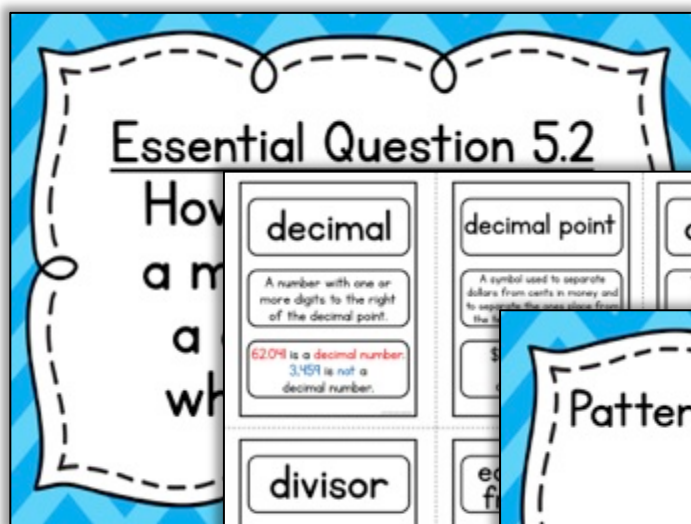


GO MATH

CHAPTER 5

Divide Decimal Numbers



Vocabulary Posters • Example Posters • "I Can" Posters
Essential Question Posters • Student Journal Pages

ABOUT THIS RESOURCE:



This helpful packet was created to make the implementation of Fifth Grade Go Math a little easier and less overwhelming for teachers! It includes all the visual reinforcements you need to supplement your Go Math lessons.

This Chapter Five resource is color-coded to align visually with your students' Go Math books! All other chapters are color-coded, as well:

Chapters 1-5: Fluency with Whole Numbers and Decimals >>> BLUE

Chapters 6-8: Operations with Fractions >>> GREEN

Chapters 9-11: Geometry and Measurement >>> VIOLET

KEEP SCROLLING TO SEE EVERYTHING INCLUDED!

VOCABULARY POSTERS

5th
GRADE

decimal point

A symbol used to separate dollars from cents in money and to separate the ones place from the tenths place in a decimal.

\$4.51 or 37.921
decimal point

exponent

A number that shows how many times the base is used as a factor.

$7^3 = 7 \times 7 \times 7$
The exponent is 3.

divisor

The number that divides the dividend in a division problem.

$24 \div 3 = 8$
divisor

KEEP SCROLLING TO SEE EVERYTHING INCLUDED!

ESSENTIAL QUESTION POSTERS

5th
GRADE

Essential Question 5.2

How can you use
a model to divide
a decimal by
a whole number?

Essential Question 5.6

How can you place
the decimal point
in the quotient?

KEEP SCROLLING TO SEE EVERYTHING INCLUDED!

EXAMPLE POSTERS

5th
GRADE

Patterns with Powers of 10

$$65 \times 1 = 65$$

$$65 \times 10 = 650$$

$$65 \times 100 = 6,500$$

$$65 \times 1,000 = 65,000$$

$$65 \times 10,000 = 650,000$$

Patterns with Decimal Points

$$4.2 \times 10 = 42$$

$$4.2 \times 100 = 420$$

$$4.2 \times 1,000 = 4,200$$

$$4.2 \div 10 = 0.42$$

$$4.2 \div 100 = 0.042$$

$$4.2 \div 1,000 = 0.0042$$

KEEP SCROLLING TO SEE EVERYTHING INCLUDED!

"I CAN" POSTERS

5th
GRADE

I can explain part
the placement
decimal point w
decimal is mult
divided by a po

I can
divide
decimals.

KEEP SCROLLING TO SEE EVERYTHING INCLUDED!

MINI B/W VERSIONS FOR STUDENT NOTEBOOKS



Essential Question 5.1
How can patterns help you place the decimal point in a quotient?

Essential Question 5.2
How can you use a model to divide a decimal by a whole number?

Essential Question 5.3
How can you estimate decimal quotients?

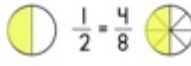
Essential Question 5.4
How can you divide decimals by whole numbers?

Essential Question 5.7
When do you write a zero in the dividend to find a quotient?

decimal
A number with one or more digits to the right of the decimal point.
62.04 is a decimal number.
3,459 is not a decimal number.

decimal point
A symbol used to separate dollars from cents in money and to separate the ones place from the tenths place in a decimal.
\$4.51 or 37.921
decimal point

divisor
The number that divides the dividend in a division problem.
 $24 \div 3 = 8$
divisor

equivalent fractions
Fractions that name the same amount or same part.
 $\frac{1}{2} = \frac{2}{4}$

dividend
The number that is being divided in a division problem.
 $72 \div 9 = 8$
dividend

estimate
A number that is close to an exact amount.
 $54 \div 28$
 $50 \div 30 = 80$

I can explain

Powers of 10
 $10^0 = 1$
 $10^1 = 10$
 $10^2 = 100 = 10 \times 10$
 $10^3 = 1,000 = 10 \times 10 \times 10$
 $10^4 = 10,000 = 10 \times 10 \times 10 \times 10$

Patterns with Powers of 10
 $65 \times 1 = 65$
 $65 \times 10 = 650$
 $65 \times 100 = 6,500$
 $65 \times 1,000 = 65,000$
 $65 \times 10,000 = 650,000$

Chapter 5 Vocabulary

KEEP SCROLLING TO SEE EVERYTHING INCLUDED!

BONUS CC POSTERS

5th
GRADE

CC.5.NBT.7

Add, subtract, multiply, and divide decimals to hundredths, using models or drawings and strategies based on place value, properties of operations, and/or the relationship between addition and subtraction; relate the result to a written method and explain the reasoning used.

CC.5.NBT.2

Explain patterns in the number of zeroes of the product when multiplying a number by powers of 10, and explain in the placement of the decimal point when a decimal is multiplied or divided by a power of 10. Use whole number exponents to denote powers of 10.

SUPPORT YOUR INSTRUCTION WITH HELPFUL VISUALS!