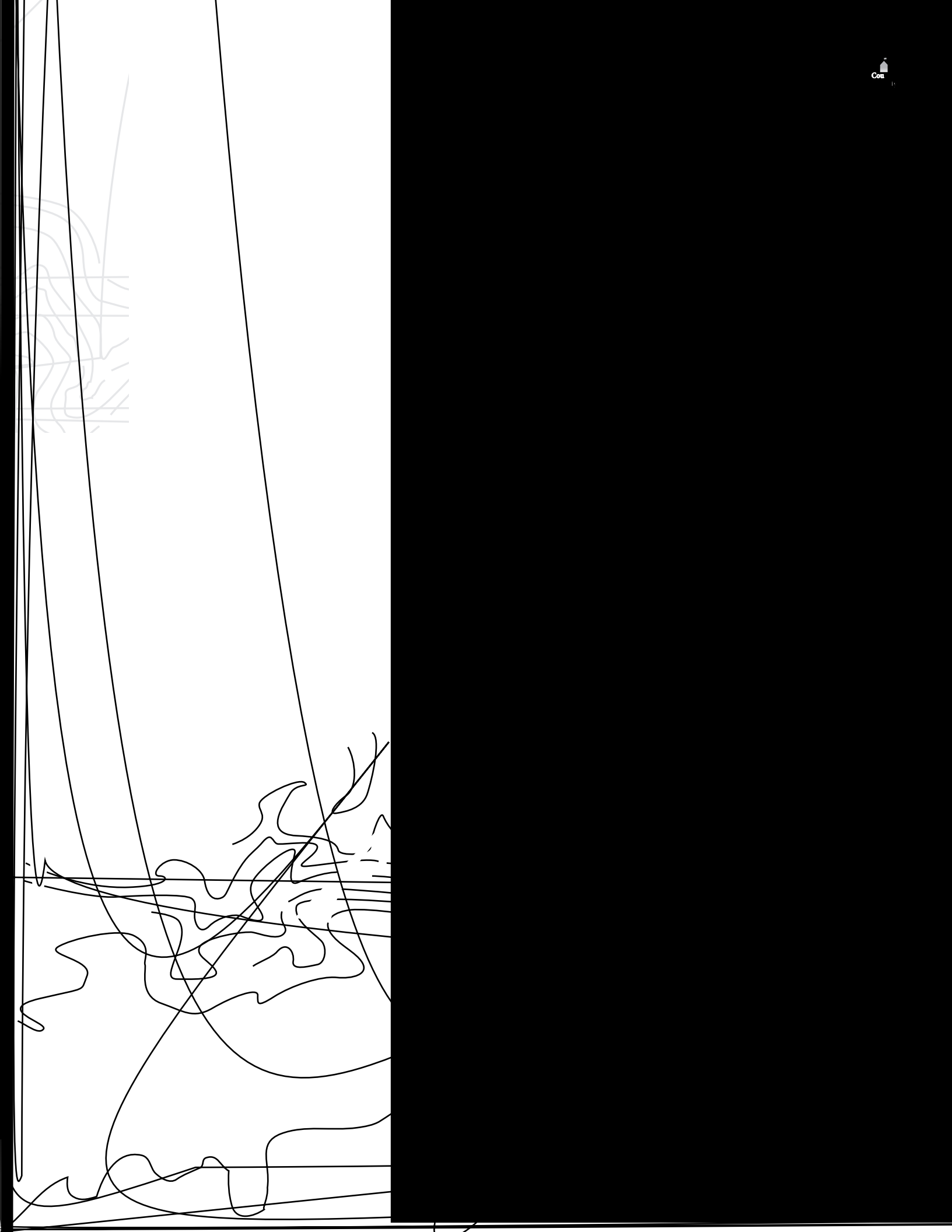


America's schools are working to provide higher quality instruction than ever before.

Th a e a g de e a de e f e g e de a d fc ege a d ca ee da a d e f e. Y c a d c g ec a e g e eac g a d ea g e e a a c de gad a e g c e ee ed be cce f .

I a e a c, ea ee a c a ge. Teac e c ce a e eac g a e f c ed e f a a c ce a d . Th a de e a e a dea a d a e ga ed a g l e ea a d f egade e e . I a ca f eac e e c a d c a e g g a c e a d e gage de a g ea- d be a de a e g ea e e a e a c .

What your child will be learning in grade six mathematics

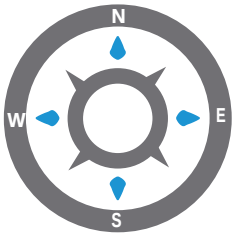
In grade six, your child will extend their understanding of the meaning and use of numbers. They will develop an understanding of and fluency with multiplication and division of fractions and decimals. They will solve problems involving the addition, subtraction, multiplication and division of whole numbers and decimals to the hundredths place. They will extend their understanding of the order of operations to include exponents. They will develop an understanding of ratios and unit rates and use reasoning about multiplication and division to solve ratio and rate problems. They will develop an understanding of the relationship between positive and negative numbers and will use them to describe quantities in real-world contexts. They will develop an understanding of the relationship between one-variable equations and inequalities. They will use their knowledge of area and volume to solve problems in real-world and mathematical contexts. They will develop an understanding of statistical thinking. Across the grade, they will:

- Understanding and applying the concepts of ratios and unit rates, and using reasoning about multiplication and division to solve ratio and rate problems (for example, recognizing that if the ratio of boys to girls in a group is 2 to 1, because for every 2 boys there is 1 girl)
- Building on knowledge of multiplication and division to divide fractions by fractions
- Understanding that positive and negative numbers are located on opposite sides of 0 on the number line
- Using pairs of numbers, including negative numbers, as coordinates for locating points in all four quadrants of the coordinate plane
- Writing and determining the value of expressions with whole-number exponents (for example $15+3^2$)
- Identifying and writing equivalent mathematical expressions by applying properties of operations (for example, recognizing that $2(3+x)$ is equivalent to $6+2x$)

Helping your child learn outside of school

1. A [illegible] card can be used for [illegible] grocery [illegible]. For example, if 2 [illegible] cost $3.00, [illegible] does four cost per pound?
2. Have [illegible] decide [illegible] needed [illegible] cooking. For example, if a recipe calls for 8 cups of rice and 4 people, how many cups of rice do you need to serve 6 people?
3. Encourage [illegible] card [illegible] between [illegible] and. The [illegible] card [illegible] calculator [illegible].
4. Pay [illegible] card [illegible] are [illegible], and have [illegible] check [illegible] [illegible] [illegible] and [illegible].

Additional Resources



For [illegible] Common Core Standards [illegible] http://[illegible].corestandards.org/about-the-standards/[illegible] http://[illegible].corestandards.org.

For [illegible] standards [illegible] http://[illegible]/category/[illegible].

For [illegible] http://[illegible].org/[illegible].24game.com.

For more information on learning Common Core math strategies, go to http://learnzillion.com/lessons