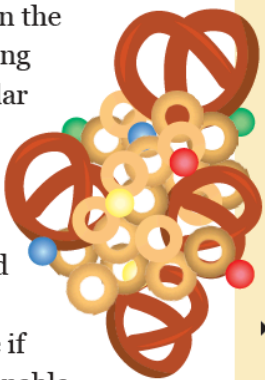


Your child can find whole-number quotients of whole numbers with up to four-digit dividends and two-digit divisors, using strategies based on place value, the properties of operations, and/or the relationship between multiplication and division. Your child can illustrate and explain the calculation by using equations, rectangular arrays, and/or area models.

- Divide a whole number dividend with up to 4 digits by a 2-digit divisor using any appropriate strategy.
- Use multiple strategies for multi-digit division. Area models illustrate a connection to multiplication, partial quotients make a connection to place value, and concrete models demonstrate the decomposition needed in the standard algorithm.
- Illustrate and explain the solution strategy using equations, rectangular arrays, and/or area models.
- Reason with the value of the dividend and the value of the divisor to determine if the quotient is reasonable.



HELP AT HOME

- ▶ Make snack mix.
Pour a large number of Cheerios in a big bowl. Ask your child to divide the Cheerios into groups of 32, and determine how many individual sandwich bags will have 32 Cheerios. Continue the above activity with peanuts, pretzels, and candies. Your child can use the number of sandwich bags to work backwards (multiply) to determine how many total of each item to start with so the bags will be equal (e.g., If there are 10 bags of 32 Cheerios, and your child wants 12 pretzels in each bag, then $10 \times 12 = 120$ pretzels needed to complete snack mix).
- ▶ Use the above activity to build on standard algorithm for larger numbers.
- ▶ Use money from a board game to divide large numbers. For example, begin with \$28,356. Divide the money between 12 people. Your child will have to break down (rename) various amounts to be able to divide evenly.