

Division with Remainders Sorting Game

Remainder Strategy:
Just Drop It

Remainder Strategy:
Round Up

Remainder Strategy:
Sharing is Caring

Remainder Strategy:
Remainder Only

Suggestions for Use: Print the cards onto cardstock. Laminating the cards will get you more mileage out of the materials. Cut the cards apart and store them in a zipper-lock bag. To play the game, individual students, pairs, or teams of students should read the cards together. Then they should sort each of the question cards under the correct “Remainder Strategy” heading card. Their discussions about how and why they are sorting the questions are the most valuable part of the process. Ask students to defend their sorting choices. Early finishers can work on solving the questions on some of the cards.

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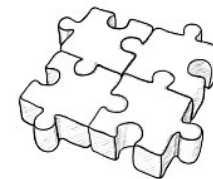
Ms. Gregory is organizing school buses for a field trip for ninety-five total students, teachers & parents. If each bus can seat twenty-five people, how many buses does Ms. Gregory need?



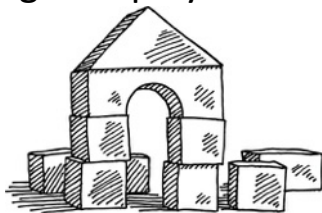
The track team bought their coach a \$33.00 plaque. The six teammates split the bill evenly. How much did each track member pay?



Jigsaw puzzles are on sale for \$12.00 including tax. How many can you buy with \$90.00?



There are 78 blocks and five kindergarteners. If the blocks are shared equally among the kindergarteners, how many blocks does each kindergartener get to play with?



Twenty-three friends are headed to the beach. Each car can hold five people. How many cars do the friends need to bring for everyone to get to the beach?



Elijah gives the shells he collected at the beach to each of his four teachers. He gives away the 86 shells evenly, and keeps the remaining shells for himself. How many shells does Eli plan on keeping?

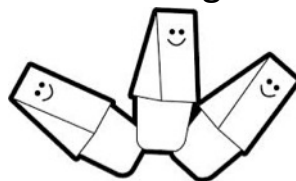


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Gemma had 52 bird stickers. She split her stickers evenly among her three friends and kept the remaining stickers for herself. How many stickers did Gemma have after she gave her friends the stickers?



Marco has 35 erasers that he wants to split evenly into 4 bags. How many extra erasers will Marco have leftover if he places the same number of erasers into each bag?



The hiking trail to Lookout Peak is 23 miles long. The Winters family took 2 days to hike to the peak. If they traveled the same amount each day, how many miles did the Winters family travel each day?



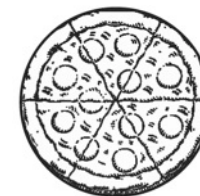
It costs \$50.00 to be a member of the basketball team. The team plays eight games per season. What is the cost per game?



Darby expects 25 people to attend her birthday picnic. She needs to set up benches that seat seven people each. How many benches does Darby need?

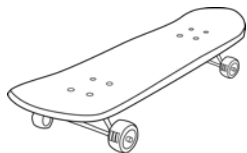


James is having a pizza party. Pizzas cost \$8.00 each. How many pizzas can he buy with \$60.00?



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Rowan needs to earn \$87 to buy a new skateboard. He earns \$9 each time he washes one of his neighbors' cars. How many cars does Rowan need to wash to earn enough money to buy his skateboard?



Ms. Morales bought canned food to donate to a soup kitchen. She can fit 6 cans into each paper bag. If she bought 50 cans of food, how many bags will she need in order to bring all of the cans to the soup kitchen?



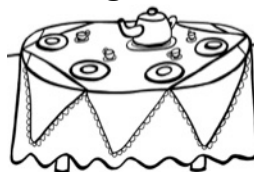
Jaden is making holiday cards to send to his grandparents. He has 23 stickers to use on his cards. If he needs three stickers to decorate each card, how many cards can Jaden make?



It takes 4 feet of string to make a Cyber Yoyo. How many yoyos can the Cyber Yoyo company make using 54 feet of string?



Chloe is planning on having 65 guests at her annual Teddy Bear Tea Party. Eight people can sit at a table. How many tables does Chloe need in order to seat all of her guests?



Emilia spent \$25 on four boxes of tulip bulbs to plant in her garden. If she spent the same amount for each box of bulbs, how much did Emilia spend on each box?



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Elliot's Toy Store is mailing coupons to its customers. They have 164 coupons to send. If they put three coupons in each envelope, how many coupons will be in the last envelope?



Sabrina wants to make 12 beaded bracelets of exactly the same length. She has 243 beads. How many beads long will each bracelet be?



The student government is buying ice cream for the carnival. They have \$100 to spend. If each quart of ice cream costs \$6, how much money will the student government have leftover?



Josh and his sister are sharing their Halloween chocolate bars evenly. Altogether, they have 67 chocolate bars. How many chocolate bars will Josh get?



Mr. Braner is packing his entire autographed baseball collection to donate to a charity auction. He has 39 baseballs. If he can fit four baseballs in a box, how many boxes will Mr. Braner need?



Sophia has a 35 ml bottle of sparkly nail polish. It takes 3 ml of polish to paint all ten of her nails. How many times can Sophia paint her nails using her sparkly polish?

