

Coyote Creek Math Challenge

Data and Probability

You can complete your solution on the BACK of this paper or use your own paper.

To enter the prize draw
place your solution in the
MATH CHALLENGE
box at the office!

Don't forget your name
and division!!

A group of three pirates followed a treasure map to a secret cave on a deserted island. Inside, they found a pile of 21 identical treasure chests! When they picked up the chests to move them, they discovered that 7 were full, 7 were half full, and 7 were empty.

The pirates insisted that the chests be divided evenly. They agreed that each pirate must receive 7 chests. They did not agree on which of the chests each pirate should get!

Explain how the treasure chests can be shared so that each pirate receives the same amount of treasure AND the same number of chests.

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- SOLUTIONS WILL BE COLLECTED AFTER SCHOOL EVERY TUESDAY
 - YOU MUST SHOW YOUR WORK OR EXPLAIN HOW YOU SOLVED THE PROBLEM TO QUALIFY FOR THE PRIZE DRAW
 - A NEW MATH CHALLENGE PROBLEM WILL BE POSTED EVERY WEDNESDAY, AS WELL AS THE SOLUTION TO THE PREVIOUS PROBLEM.

Have Fun!

Math Challenge Solution!

Name: _____ Division: _____