Ciphering 4th and 5th Grade
Round 0

If the chance of snow or sleet last Saturday
was three out of ten and the chance of
snow or sleet this Saturday was four out of ten,
what were the chances of snow or sleet
happening both weeks?
Ciphering 4\textsuperscript{th} and 5\textsuperscript{th} Grade
Round 1

What is 150\% of 40 plus
200\% of 70 minus
40\% of 25?
Ciphering 4th and 5th Grade
Round 2

What is the remainder when 235,409,169 is divided by 3?
Find the value of $3X$ if

$$\frac{X}{2} + 75 = 2X$$
The average of four numbers is 20.
The average of these same four numbers and 15 is ___________
A diagonal divides a square into two triangles each of which an area of 18 square centimeters. What is the perimeter of the square in centimeters?
Ciphering 4\textsuperscript{th} and 5\textsuperscript{th} Grade
Round 6

John calls his Dad every 3 days.
  Katie calls every 4 days.
  Jamie calls every 6 days.
  Once in every _____ days,
  all three will call on the same day.
What percentage of four hours is 9 minutes and 36 seconds?
Four arborists can plant a total of 600 trees in 3 days. How many trees can 2 of the arborists plant in one day?
You have 2 pennies, 3 nickels, 1 dime, and 2 quarters. How many different sums of money can you make using one or more of these 8 coins?
The lengths of the sides of a triangle are 6, 8 and 10. The area of this triangle is ________
In a 36 minute gym period, 24 students want to play basketball. If only 10 can play at the same time, and each student plays the same length of time, how many minutes does each child play basketball?