

Math Superstars

Hopefully Helpful Hints

Week 13

Welcome to the exciting world of mathematics

1st Grade



#2 Make sure you count all of the stars in the shape, even if they are also in another shape!

#4 The fold (line of symmetry) can be either horizontal or vertical

#5 Use: the distance from George to Mary is about the same as from Susan to George, and the distance from Mary to Barry is also about the same as that from Susan to George

#6 Take routes A and B and make a list of all possible routes with C, D, E: AC, AD, AE, BC, BD, BE (then count)

2nd Grade



#2 Even numbers can be divided evenly by 2: (14, 88, 100, 16 are the even numbers)

#4 This type of problem is easier to solve if you draw a picture with the children's names

#6 Each gallon of water is mixed with 2 ounces of plant food; try drawing the gallons of water with 2 ounces on each, then count; or use 2×3 as a multiplication problem!

3rd Grade



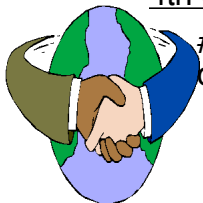
#2 Try making a chart showing the value of 1 quarter, 1 dime, 1 nickel = 40 cents
2 quarters, 2 dimes, 2 nickels = 80 cents... until you reach \$2.40

#3 Make sure to follow the key and count each spider on the graph as 5 insects (not 1)!!

#5 You can count all of the squares in the picture to find the area of the room or you can use the formula
 $\text{area} = \text{length} \times \text{width}$ (12×10)

#7 Try starting with 20 books on each shelf; then add the remaining books to each shelf equally

4th Grade



#1 Because you are replacing the card, there are 100 different possibilities of cards that can be drawn; the combinations of cards that add to 9 are 1,8; 2,7; 3,6; 4,5; 5,4; 6,3; 7,2; 8,1

#3 Break the rectangle given into 6 equal parts and then label

#6 Make sure to follow the key and use each bulb equal to 4 appliances!!

5th Grade



#2 Use 2000 pounds = 1 ton

#3 Try using 5 as the center number

#5 Area = length \times width; make sure to include the square (6×6) as one solution- a square is a type of rectangle

#7 The only cards in the bag are the 4 cards shown

#9 Before you start multiplying, look closely at all the numbers in the problem!!!