

Math Superstars  
Hopefully Helpful Hints  
Week 6

Welcome to the exciting world of mathematics



1st Grade

#2 Dime = 10 cents; Nickel = 5 cents

#3 The number in the box for part *a* is the same as the one in the box for part *b*

#6 Make sure to count all the triangles; do *not* count the square!



2nd Grade

#1 A dozen is 12; half a dozen is 6

#3 Two of the half squares equals one whole square

#4 Draw a picture to show that only 1 cut is needed to saw the board into 2 pieces. Then only 2 cuts are needed to saw a board into 3 pieces.



3rd Grade

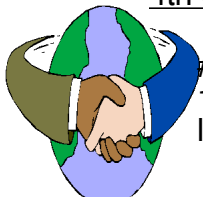
#1 Use: 16 ounces = 1 pound

#2 Try putting each number and symbol on separate index cards and move them around until the number sentence is true. Use only single digit numbers.

#6 The perimeter is the total length around the pentagon. Add the 4 sides given, then subtract from the 134m to get the 5th side.

#9 The hat weighs 3 pounds. 2 hats weigh 6 pounds. When you subtract from the total weight of 18, this will be the weight of 2 rabbits.

4th Grade



#2 The top fence piece is 185 ft. The bottom is 150 ft. To find the small horizontal piece, subtract 150 from the 185. Use the same reasoning to find the other missing length. Then add all the lengths together to find the distance around (perimeter).

#4 Box A has 3 out of 5 chance to pick red; Box B has 2 out of 3 chance to pick red. Which is more?

#8 Draw a picture to show that  $\frac{1}{3}$  of  $\frac{1}{2}$  is the same as  $\frac{1}{6}$ .

#9 Remember that 0 is one of the 10 one-digit numbers!

5th Grade



#2 Two of the 7 possible amounts can be made with all pennies or all dimes.

#3 7.5 is the same as 7 and a half.

#4 There is not enough information. Now you need to figure out what is missing!

#5 Use: 1cm = 10mm (most rulers show cm)

#7 Work backwards from 74 miles. Subtract the 3 miles (park and back). Then subtract the starting odometer reading. Then figure out the difference divided into 4 days.