

Math Superstars

Hopefully Helpful Hints

Week 11

Welcome to the exciting world of mathematics

1st Grade



#2 Mark the number of kitty steps on the picture, then count!

#3 This is tricky- don't forget to count Jessica!!

#8 Start at the end and work backwards with the opposite operation: $4-2=2$; $2+5=7$; $7-1=6$

2nd Grade



#3 There are 7 days in a week. 1 quarter each day makes 7 quarters. 4 quarters = \$1

#4 288 rounds to 300; 497 rounds to 500

#8 Start with the answer of 10 and work backwards using the opposite operations

3rd Grade



#2 There are 7 groups of 5 seeds to make the 35 seeds ($7 \times 5 = 35$). Only 4 in each of the 7 groups grew. This would make 4×7 seeds that grew.

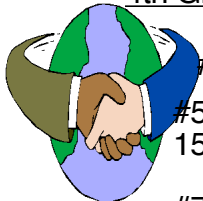
#3 Use: each row has 6 stamps and each page holds $5 \times 6 = 30$ stamps

#6 Figures 1 and 4 have 2 lines of symmetry each; Figure 2 has only 1 line of symmetry; Figure 3 has 6 lines of symmetry

#7 There are 7 total tables- use guess and check from here!

#8 Fig 1 has 5 dots; Fig 2 has $5+4=9$ dots; Fig 3 has $9+5=14$ dots; Fig 4 has $14+6=20$ dots...

4th Grade



#3 Label students A, B, C and then keep a chart of all combinations: ABC, ACB, BAC, BCA...

#5 and #6 Look at the pattern: from 1 to 3, add 2; from 3 to 6, add 3; from 6 to 10, add 4; from 10 to 15, add 5...

#7 Use: prime numbers can only be divided by 1 and the number itself (1 is not considered prime)! 2, 3, 5, 7, 11...

5th Grade



#2 Draw an 8×4 rectangle for the floor. Each "2x4" is 8 ft long, so you need 1 for each 8ft side (2); 1 for the center (1); and 1 split in two for the 4 ft sides (1).

#3 \$11.75 for 3 tapes is a better deal, so use as many packs of 3 to get as close to 23 as possible, then use packs of 2 to get to the 23 total.

#4 2 spheres (240g)=6 cubes, so each cube = 40g; 1 sphere (120g)+1 cube(40g) = 160g = 2 pyramids

#7 for part d use: 140 students answered the survey

#8 Use: FE is shorter than AB; CB is the same length as AB; BF is less than half of AB