MATH SUPERSTARS - 4

Jupiter, XI

Name: _____

(This shows my own thinking.)

- 1. The corner of this paper measures 90 degrees. Fold the lower right-hand corner of this paper so it represents two 45 degree angles. Trace the fold line with your pencil.
- ★★ 2. Estimate the result of the following problem as a whole number.

$$4\frac{1}{43} + 2\frac{15}{16} - 1\frac{24}{26} + 5\frac{11}{12} - 3\frac{3}{61}$$

Answer: _____

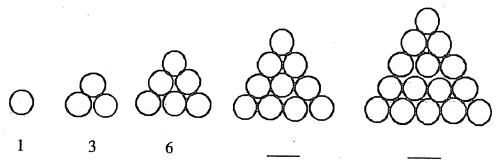
** 3. How many ways can 3 students be arranged in three chairs?

Answer: ____ ways



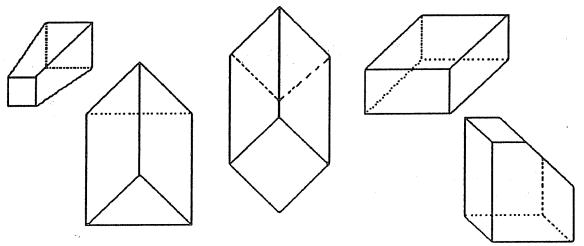


4. Observe the circles in the triangle-shaped stacks. Fill in the missing numbers to show how many circles are in the last two stacks.



- ★ 5. Draw the next figure in the above pattern.
- ** 6. In the pattern for problem 4, how many circles would be in the 10th figure?

Answer:____



★★ 10. Lu Win likes to balance things. She balanced three 20-gram weights with a 10-gram weight and two new tubes of glue. How much did each tube of glue weigh?

Answer: ____ grams

