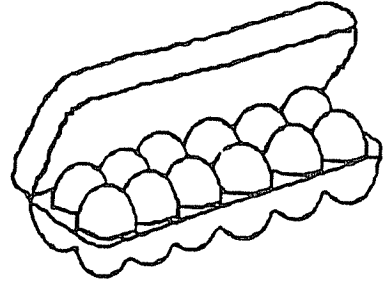# MATH SUPERSTARS – 2
Earth, VI

Name:_____

(This shows my own thinking.)

★★★ 1. Margo has nine eggs. She bought a dozen more and used a half-dozen of them. How many does she have left?

Answer: _____ eggs
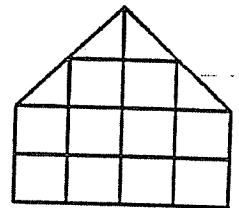
★★★ 2. Find the two that come next in each pattern.

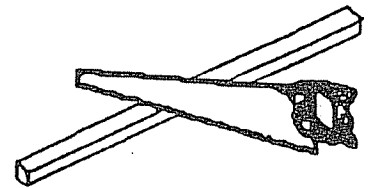a. B, D, F, H, J, _____, _____

b. 🐕 〰 🐕 ⬭ 🐕 〰 🐕 ⬭ 🐕 〰 🐕 ⬭ 🐕 _____ _____

c. 79, 74, 69, 64, 59, _____, _____

★★★★ 3. The area of a figure is the number of unit squares it would take to make the figure. What is the area of this figure using ☐ as the unit square? (Hint: Don't forget to count the half squares too!)

Answer: _____ ☐'s

★★★★ 4. It took Marie 10 minutes to saw a board into 2 pieces. If she works just as fast, how long will it take her to saw another board into 3 pieces?

Answer: _____ minutes

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★★★ 5. Annie, Baldwin, and Carl each wear a number on their shirts. The numbers are 34, 25, and 18. Use the clues. Find each child's number.

Baldwin   Annie   Carl

Clues:
• The boys wear *even* numbers on their shirts.
• The sum of the digits in Baldwin's number is 7.

Answer: Annie's number is ____.
Baldwin's number is ____.
Carl's number is ____.

★★★ 6. The taxi moves from *start* to another point by going east first, and then north. It gets to the house by going 1 block east, and then 5 blocks north. Follow the taxi's path with your finger. The taxi driver's secret code for the house is (1,5). Write the secret codes for these places:

a. clown: (__,__) b. train: (__,__) c. elephant: (__,__)