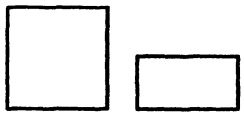
SUNSHINE MATH - 3
Mars, VIII

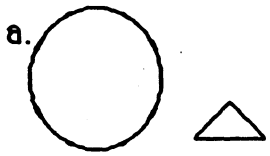
Name: _____

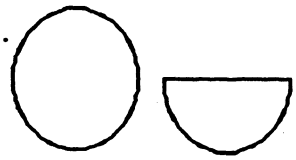
(This shows my own thinking.)

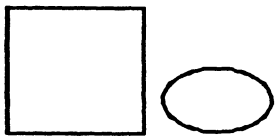
★★ 1. Notice how the two shapes are alike:



Which pair of shapes are alike in the same way? Circle your answer.

a. 

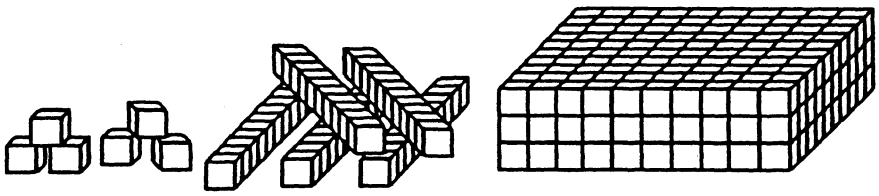
b. 

c. 

★ 2. Ashley has a set of color tiles in a bag. There are 2 greens, 5 reds, 2 yellows, and 4 blues. Without looking, is Ashley more likely to pick a green tile or a yellow tile?

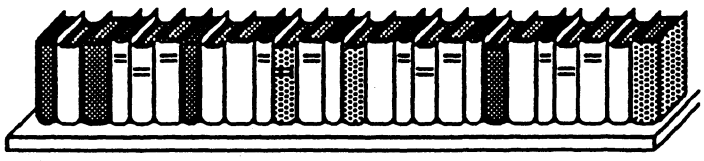
Answer:_____

★★ 3. How many small cubes are there in the entire collection below?



Answer:_____cubes

★★★ 4. There are 4 bookshelves in the classroom. Each bookshelf has room for 20 books. If Mrs. Hogan has 90 books, how many books will not be able to fit on the shelves?

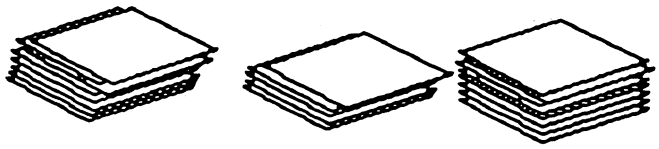


Answer:_____books

★★★ 5. Three rose and two holly bushes are planted at the first stop of the nature trail. Then three rose and two holly bushes are planted at the second stop. Rose and holly bushes are planted in the same way until 20 bushes are planted. How many rose and how many holly bushes are planted?

Answer: _____ rose bushes; _____ holly bushes

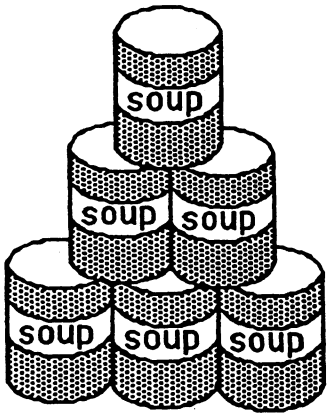
★★★ 6. Abraham had three stacks of baseball cards. One stack had 25 cards in it, the next stack had 20 cards in it, and the third stack had 30 cards. How many cards would be in each stack if Abraham made them all the same height?



Answer:_____cards

★★★ 7. Solve the magic square. The sum across each row, and down each column, must be the same as the sum along each diagonal.

5		
	6	2
3		7

★★★ 8. A can of soup weighs 251 grams. How many cans would weigh about 1 kilogram?

Answer: _____ cans