

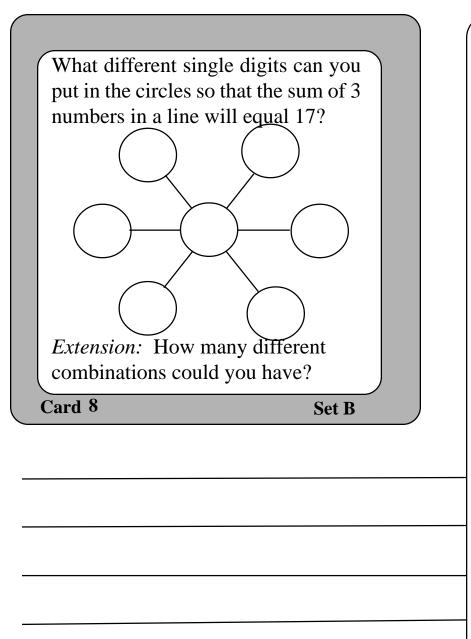
At a school store the following items are for sale:

Erasers $5\phi$ Pencils $10\phi$ Paper $15\phi$ Markers $20\phi$ 

Ronald has 50¢. What combination of supplies can he buy?

Card 7

Set B

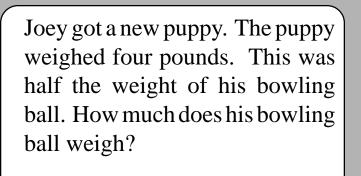


Write the last 4 digits of a telephone number. List all the 4-digit numbers you can make using those four numbers.

- What is the highest number you can make?
- What is the lowest number you can make?
- Find the difference in the highest and lowest number.

Card 9

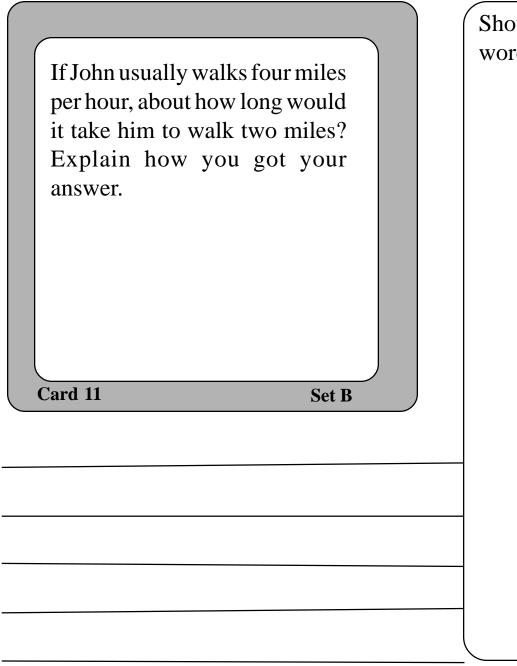
Set B

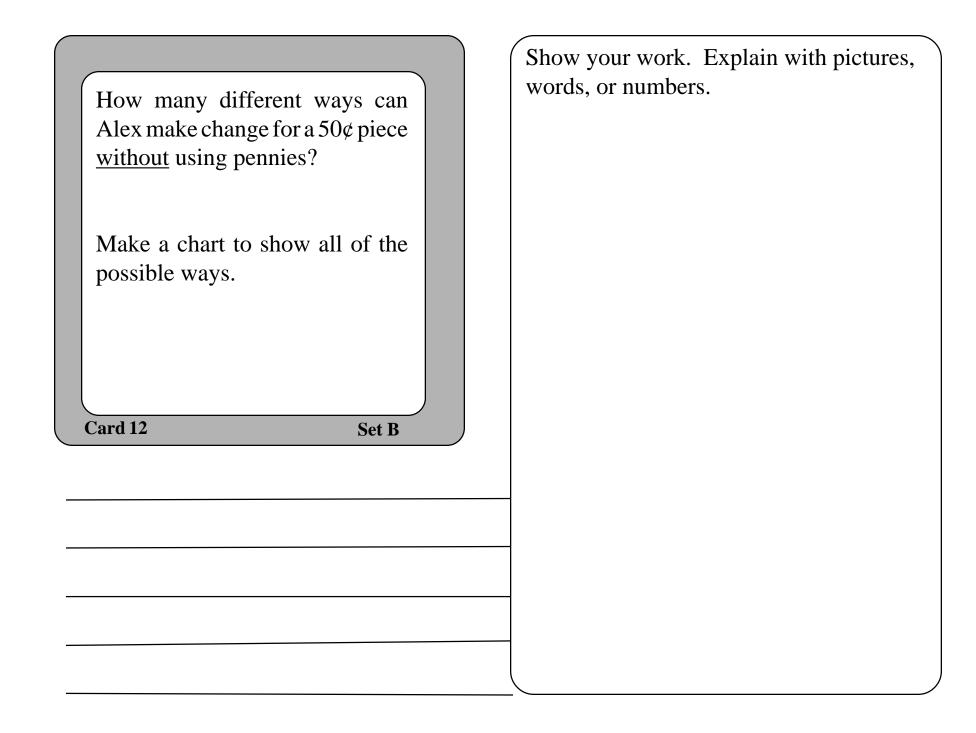


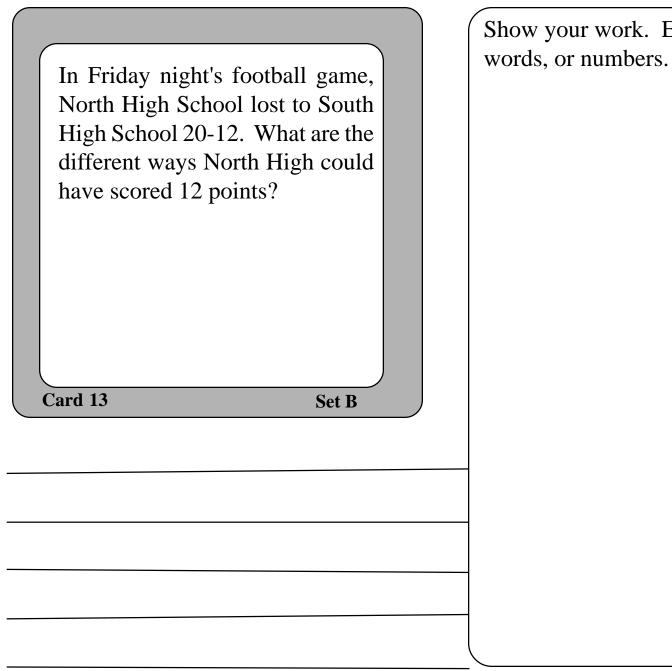
What would five puppies of the same size weigh?

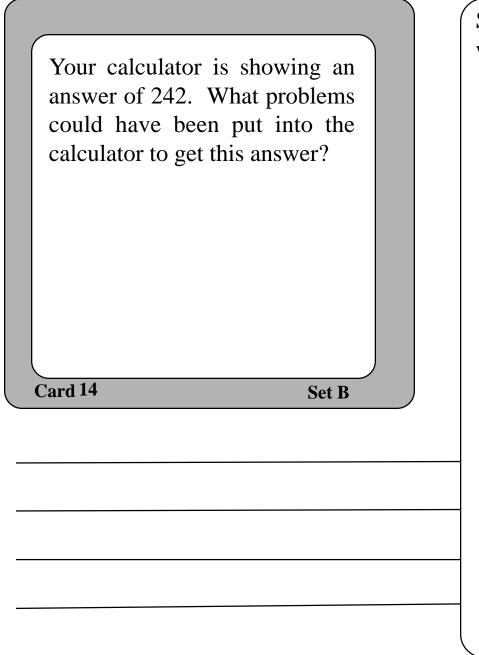
Card 10

Set B







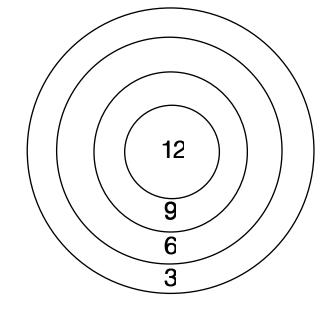


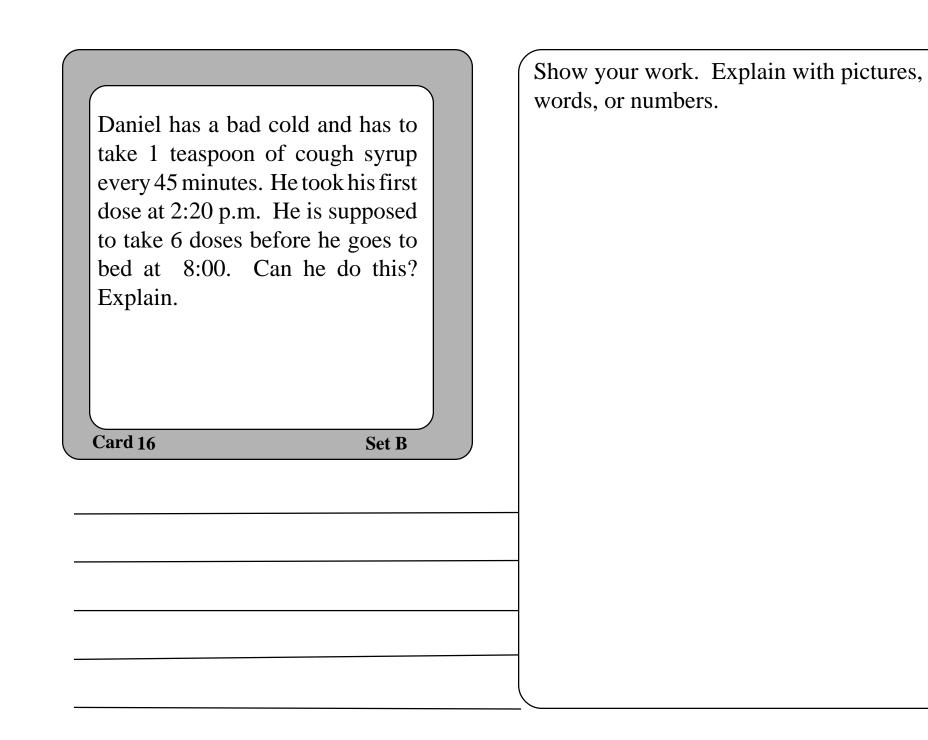
David was playing darts and scored exactly 21 with 3 darts. Show where his darts might have landed.

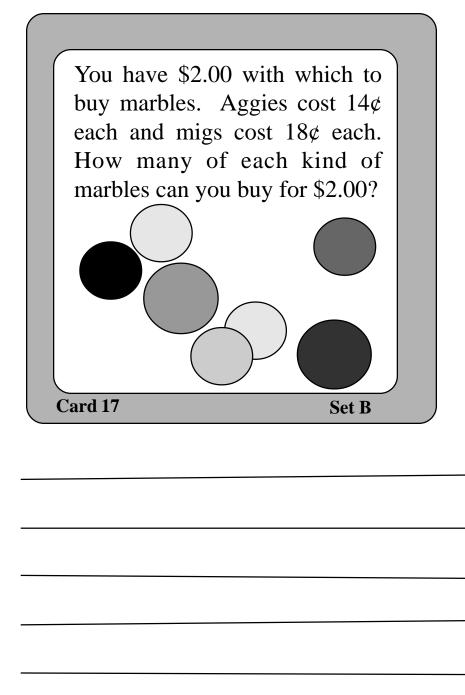
If he got all three darts on the board, what other scores could he have made?

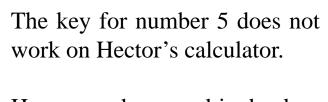
Card 15

Set B







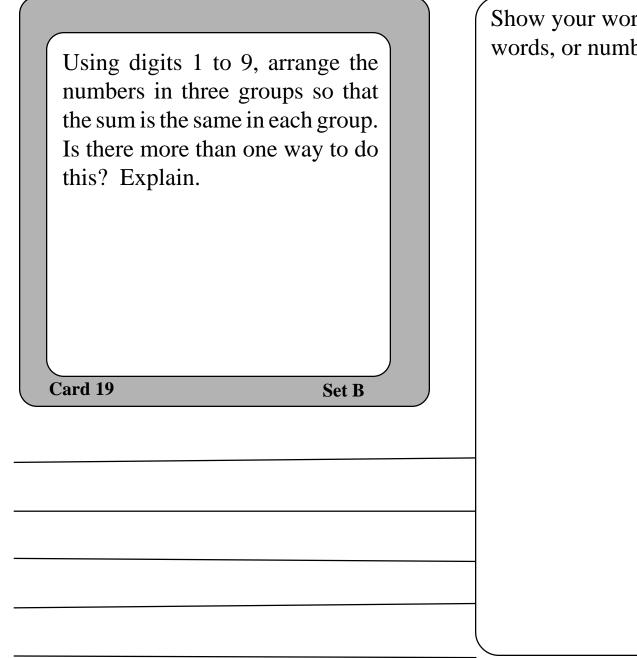


How can he use his broken calculator to figure out 235 - 198?

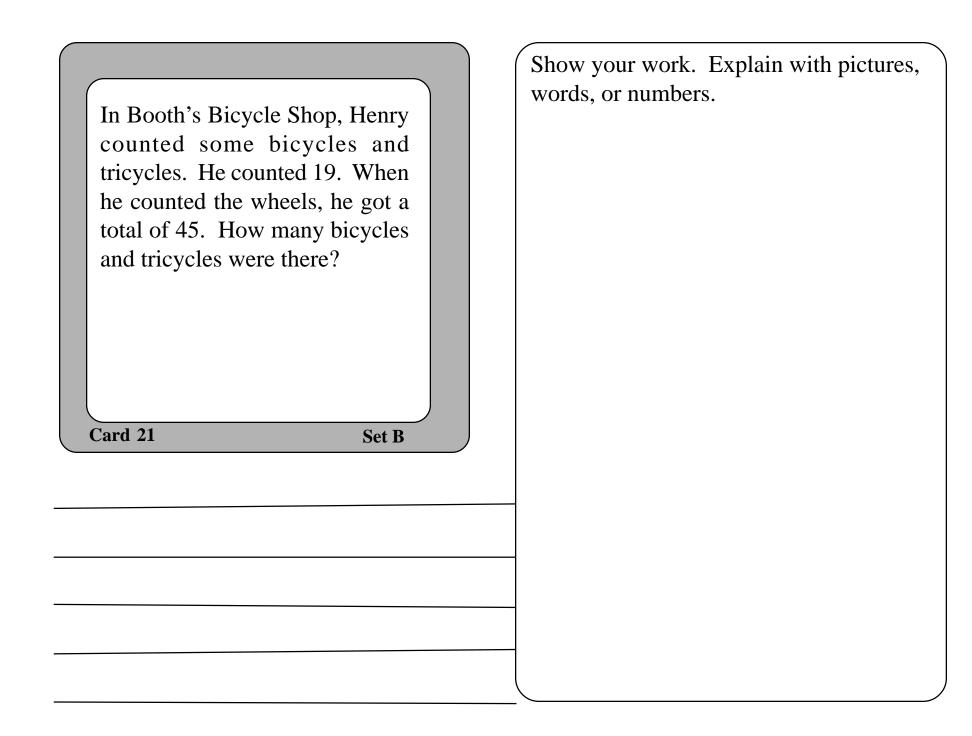
Explain what Hector will push on his calculator.

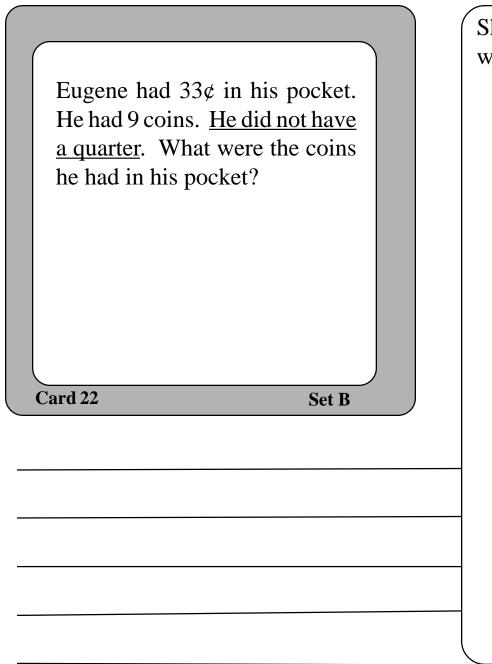
Card 18

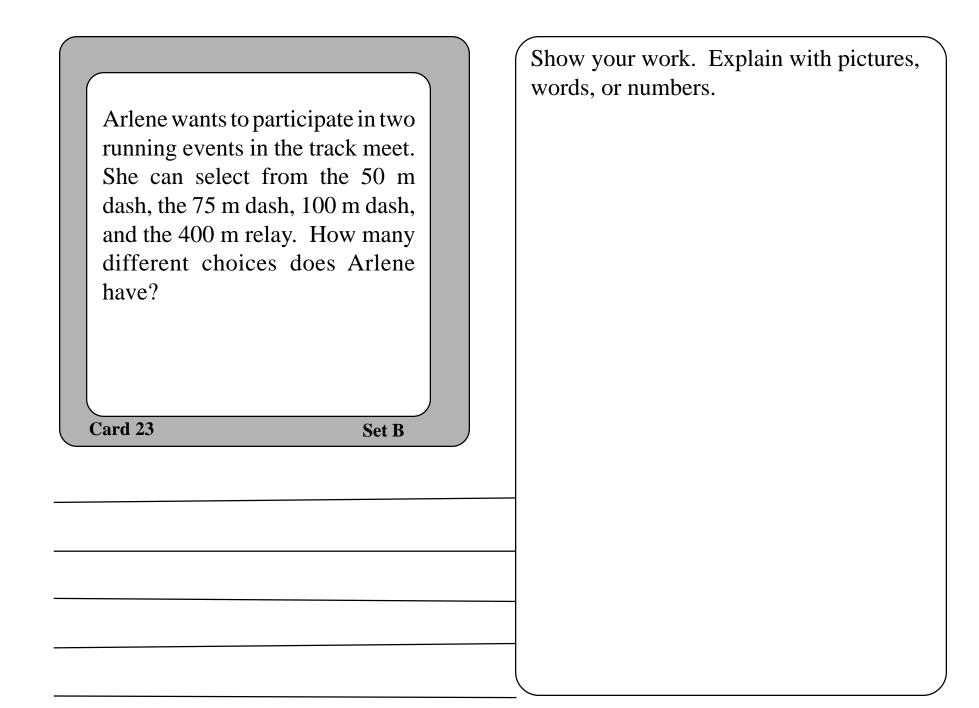
Set B

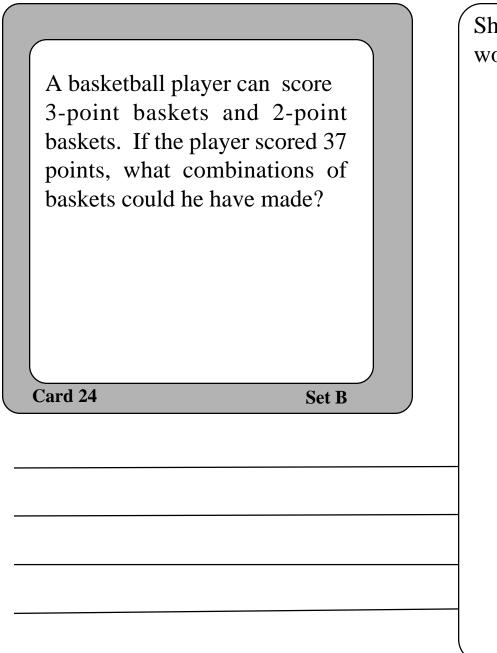


Write math problem chart would help ye		
MENU	J	
Turkey sandwich	\$ 0 .75	
Ham and cheese	i	
sandwich	\$1.60	
Potato salad	\$0.80	
Lemonade	\$ 0 .90	
Milk	\$ 0.85	
Card 20	Set B	





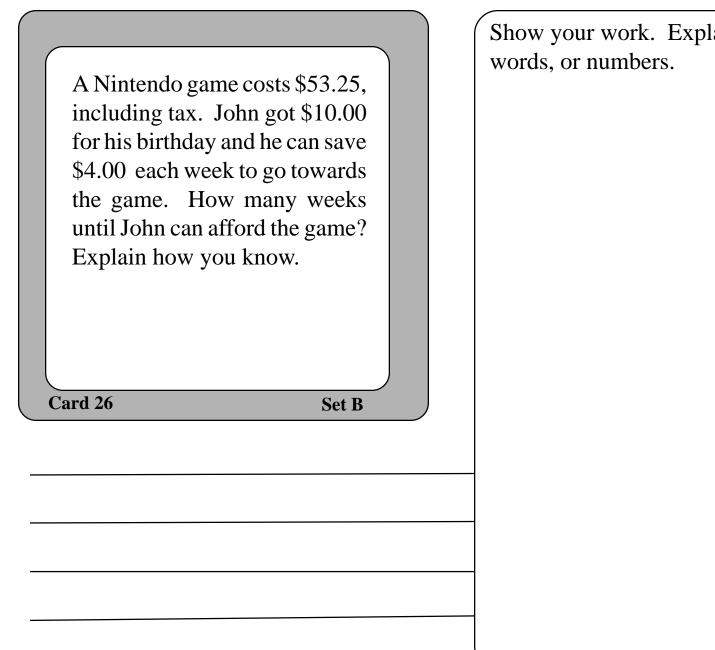




For breakfast in the morning, you may choose among three different cereals; corn flakes, oatmeal, or wheat chunks. You might also choose a juice, either apple juice or orange juice. What are all the different breakfast combinations that you could have if you have one cereal and one juice?

Card 25

Set B



Show your work. Explain with pictures,

A group of students is sitting in a circle. Every student faces someone across the circle. The students count off in order, starting with number one. Student two sits directly across from student seven. How many students are in the circle? Explain.

Card 27

Set B

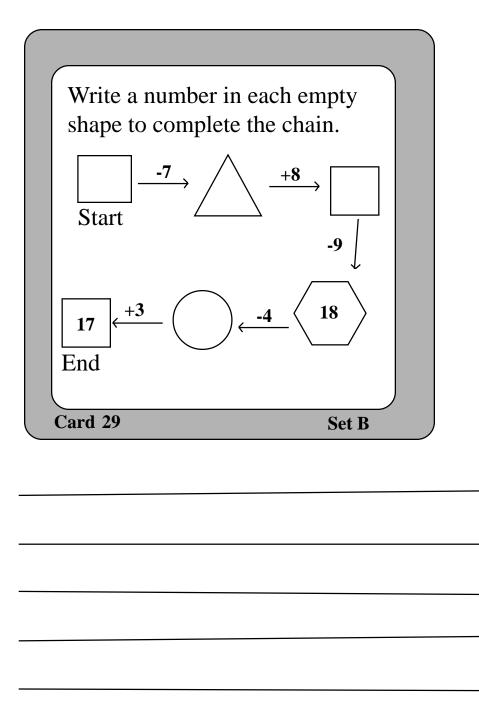
At the Burnsville School library, 34 students can sit at seven tables with no empty seats. There are small tables for four students and large tables for six students. How many small tables are in the library? How many large tables are in the library? Explain how you found your answer.

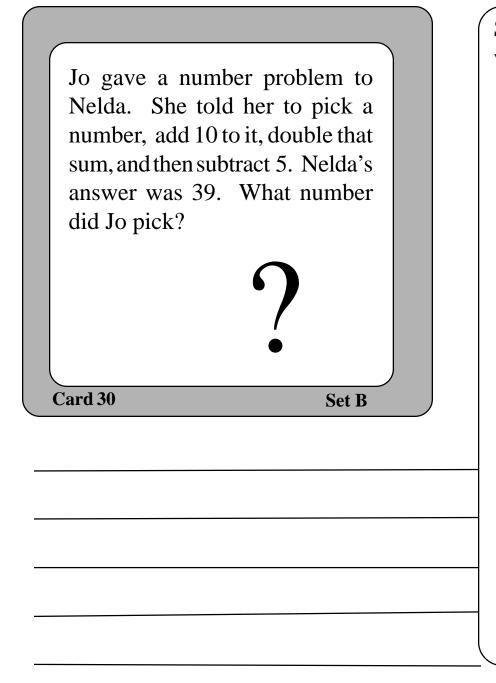
If all of the tables were small, how many students could sit in the library?

If all of the tables were large, how many students could sit in the library?

Card 28

Set B



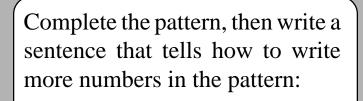


I am a 2-digit number over 50. When you put me in groups of 7, two are left over. The sum of my digits is 11. What number am I?

Write another number puzzle for a friend to solve. Make your puzzle have three or four clues.

Card 31

Set B



50, 44, 38, 32, \_\_\_, \_\_\_, \_\_\_.

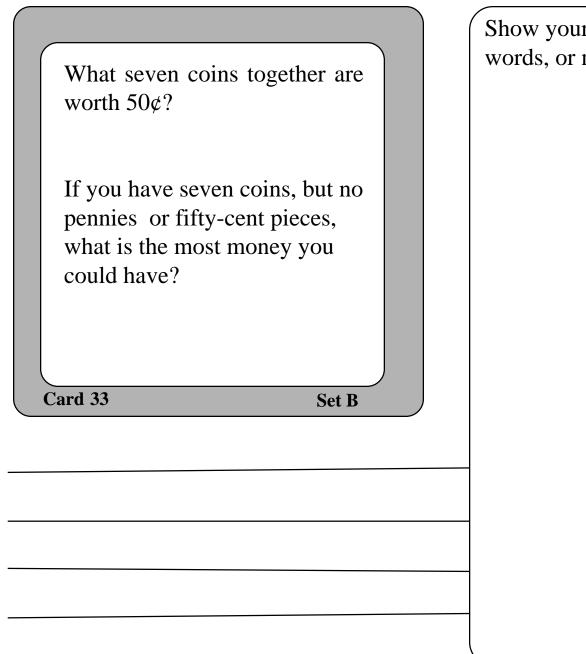
What comes next in this pattern?

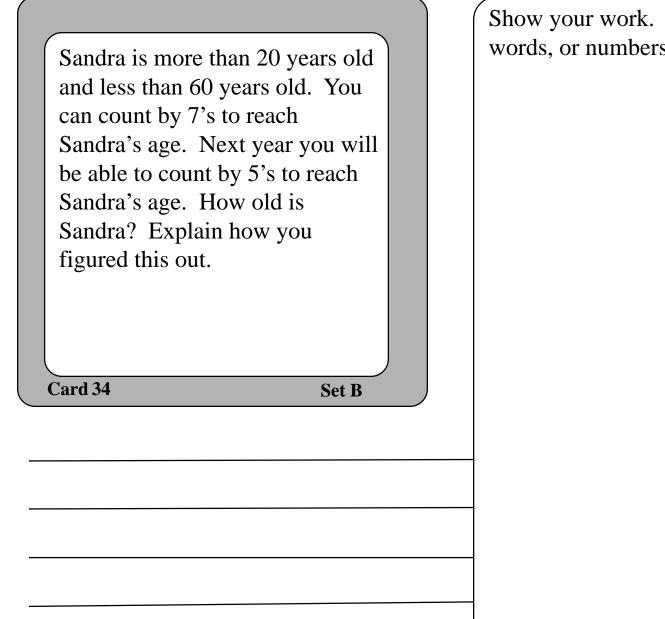
1, 4, 2, 5, 3, 6, 4, \_\_\_\_, \_\_\_\_.

Explain how you know.

Card 32

Set B





Using a total of 15 straws of two different lengths and clay or pipe cleaners as connectors, make a structure which illustrates as many different geometric vocabulary words as possible.

**Note:** If you have tinker toys, use 15 rods and no more than 8 wheels.

Card 35

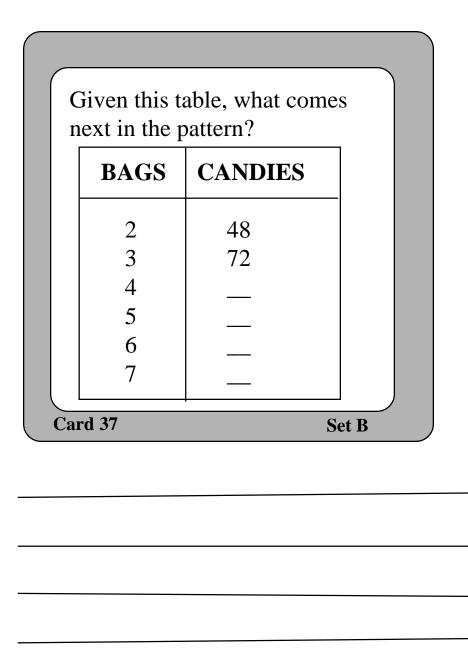
Set B

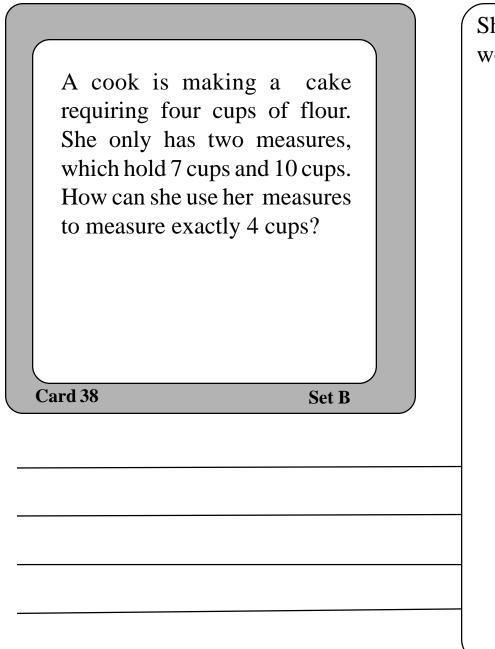
In the product:

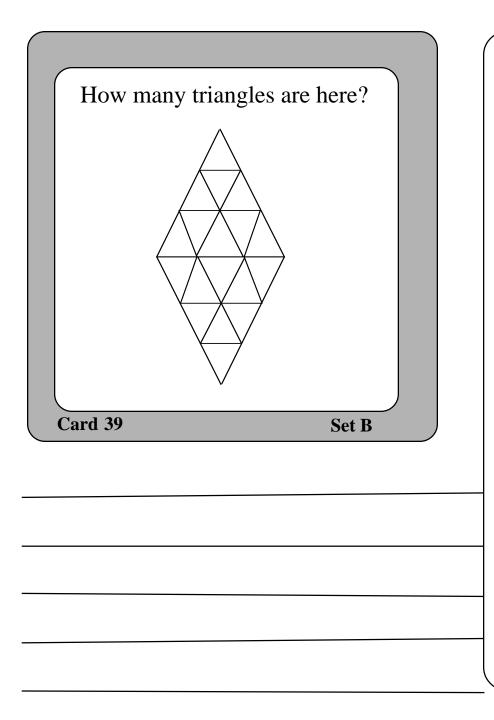
 $1 \ge 2 \ge 3 \ge 4 \ge 5 \ge 6$ , which one of the six numbers should be increased by 1 to cause the greatest increase in the product? Predict and then check your prediction on a calculator. Check other possibilities until you are certain you know the correct answer.

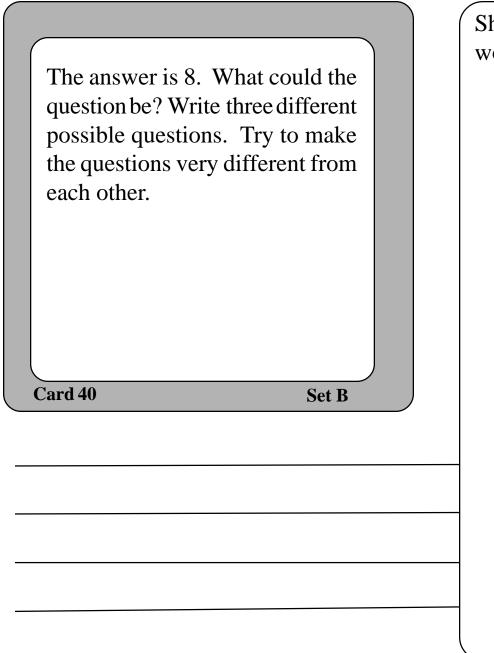
Card 36

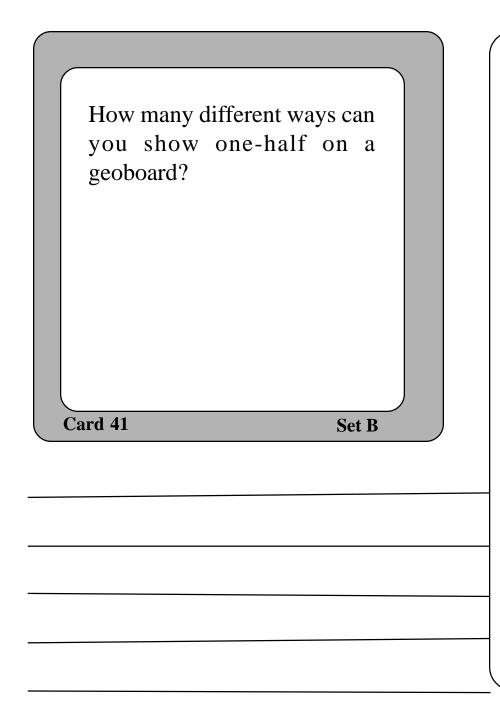
Set B









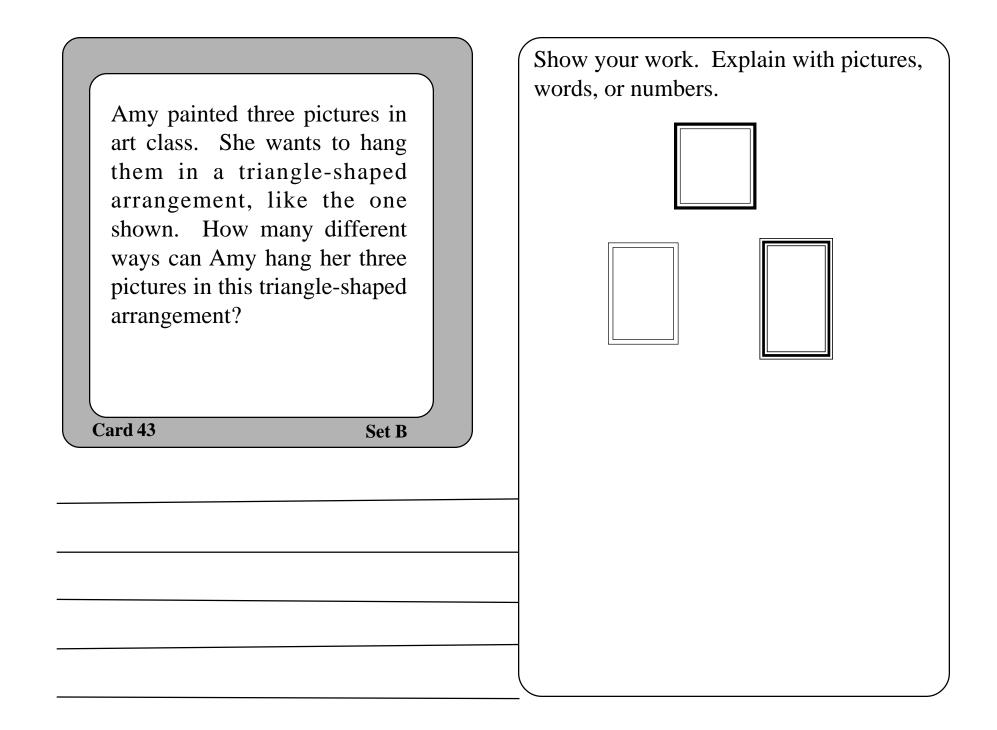


Using digits 0 - 9, only once each, choose three digits to make an addend and three other digits to make a second addend. Using the two addends, make the largest possible sum.

Using digits 0 - 9, one time each, find the smallest possible sum when you add three 2-digit numbers.

Card 42

Set B



The Nine-Patch Quilt Laura is making a nine-patch quilt for her doll. She is using red and blue patches. How many symmetrical designs can she create with the two colors of patches? What could she make with three colors of patches? Show the possibilities and draw the line or lines of symmetry on each.

Card 44

Set B

The people of Domino City use dominoes to show their house numbers. Each domino has two sets of dots on it. Different sets of dots are used on each street. The people who live on Peach Street use just these sets to make their house numbers. What are all the different house numbers that people on Peach Street can make?

Card 45

Set B

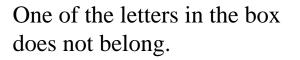
January 1 is on a Tuesday. Su-Lin's birthday is in January.

- 1. It is not on a weekend.
- 2. The date has two digits.
- 3. You say the date when you count by twos.
- 4. The sum of the two digits is 7.

Set B

What is the date of her birthday? Card 46

If a person starts repeatedly adds calculator, what number showing be after six addit	4 on a would the g in the display
To get the greater where should a s the numbers 2, 3 these boxes?	Student place 3, 4, 5, and 6 in x
	Set B



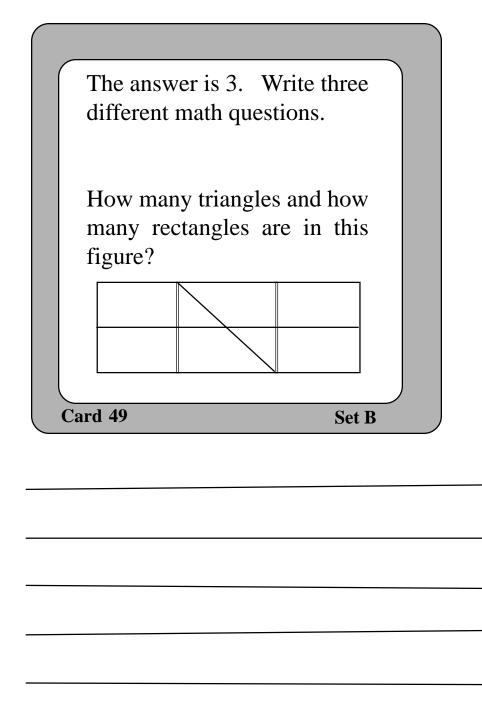
## SCDUO

Which letter does not belong? Explain why.

Can you classify these letters in another way so that one letter does not belong?

Card 48

Set B



Cindy rides her bike to her grandmother's house on Saturdays. Her grandmother lives 12 blocks away.

Last Saturday, Cindy rode 6 blocks, then realized that a book had fallen out of her basket. She rode back and found her book. Then she rode 8 blocks and arrived at her grandmother's house. At which block did she drop her book? How do you know?

Card 50

Set B

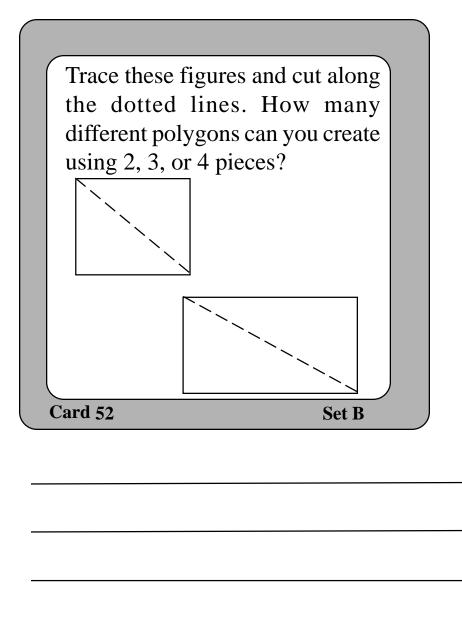
If each car will hold one driver and five students, how many cars will be needed to take Mrs. Wilson's 28 students on their field trip?

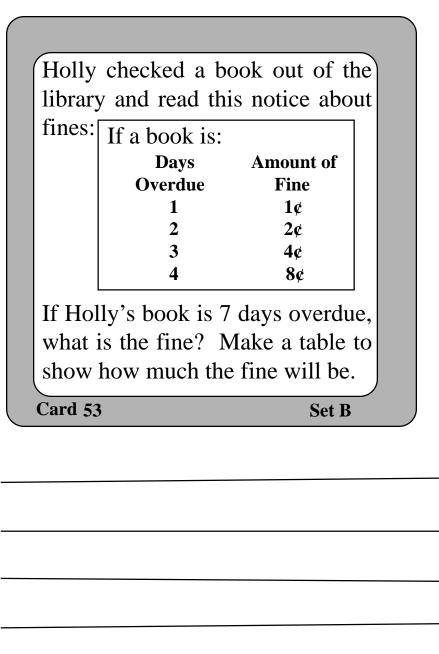
How many total people (students and drivers) will there be?

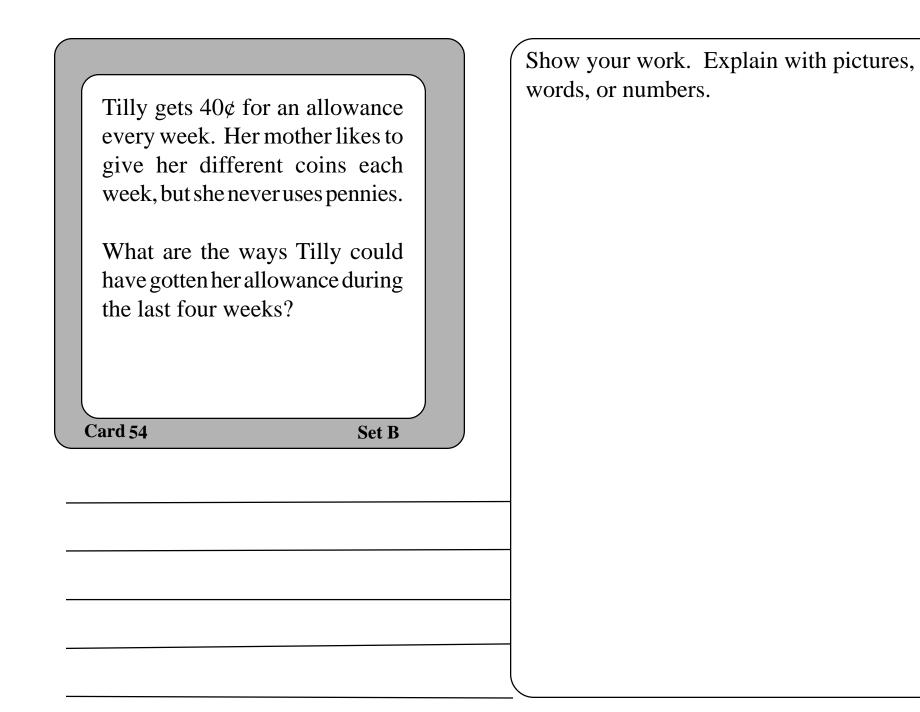
If there were three students absent, how would the answers to these questions change?

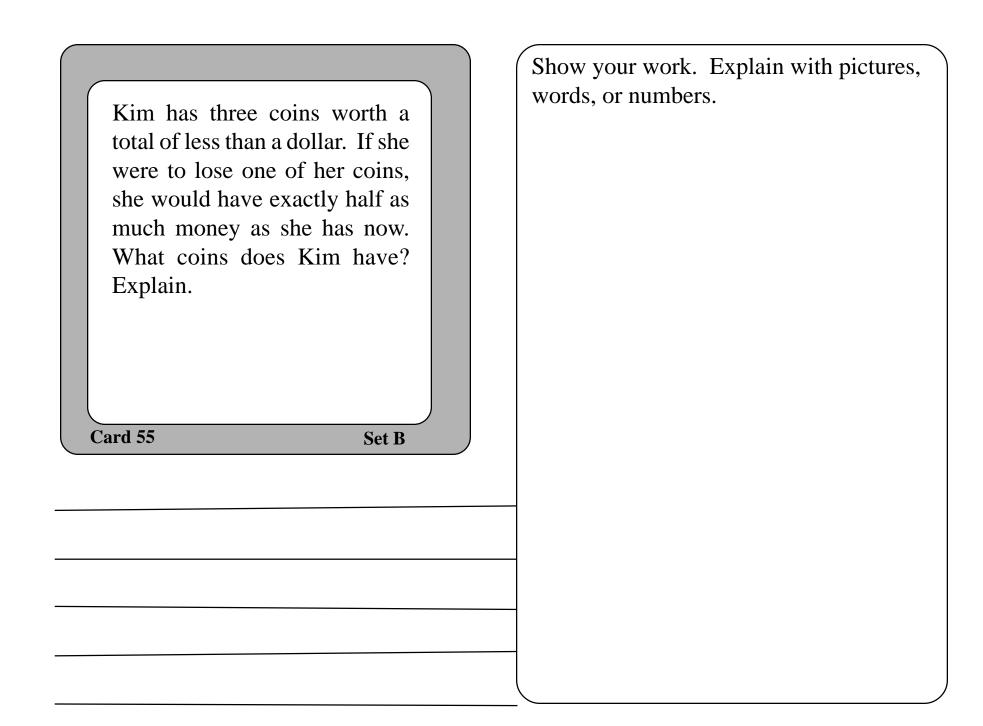
Card 51

Set B









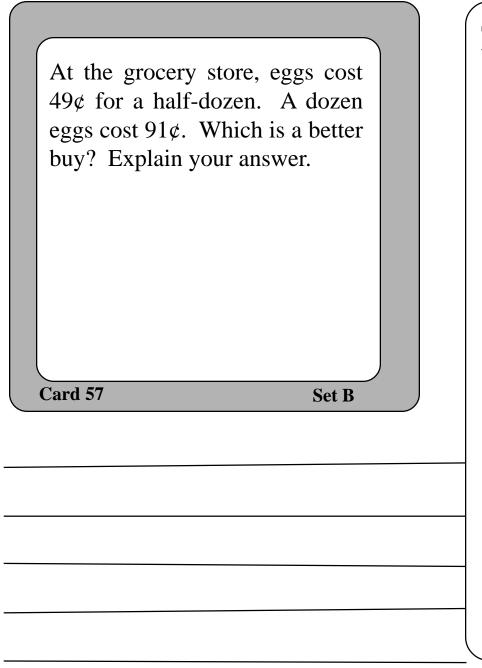
How many pennies laid in a row would there be in a mile?

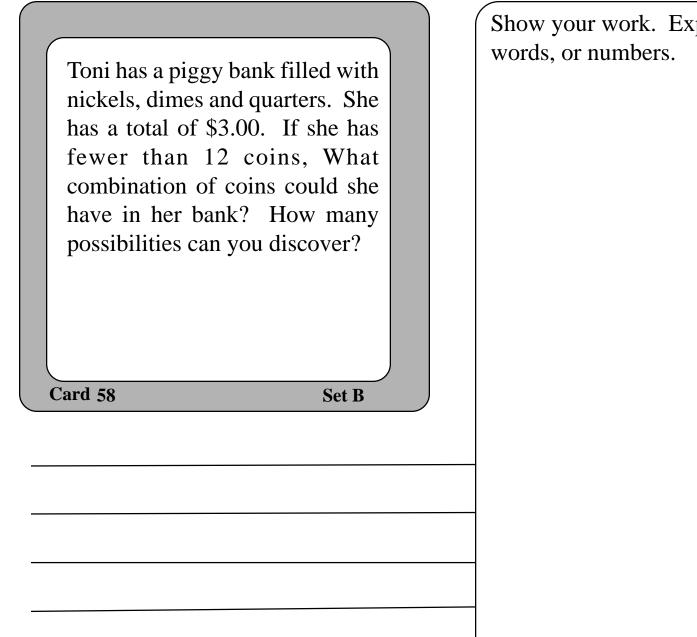
What do you have to know to figure out this problem? Write the steps in a plan to figure this out.

How many pennies would it take?

Card 56

Set B





Show your work. Explain with pictures,

How Many Tiles Do I Have? Clues:

A. If I have this many square tiles, I can arrange them into a square and have three left over.

B. With these tiles, I can form a rectangle whose one side is 10 more than the other side.

C. I have less than 60.

How many tiles do I have?

Card 59

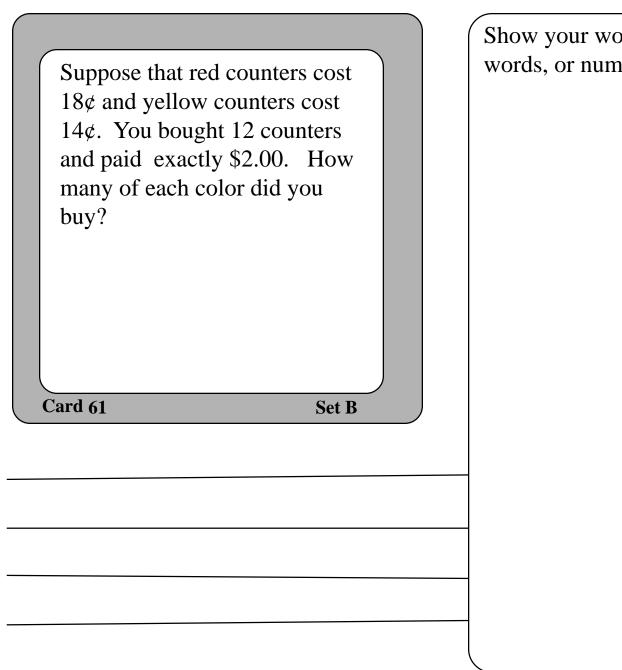
Set B

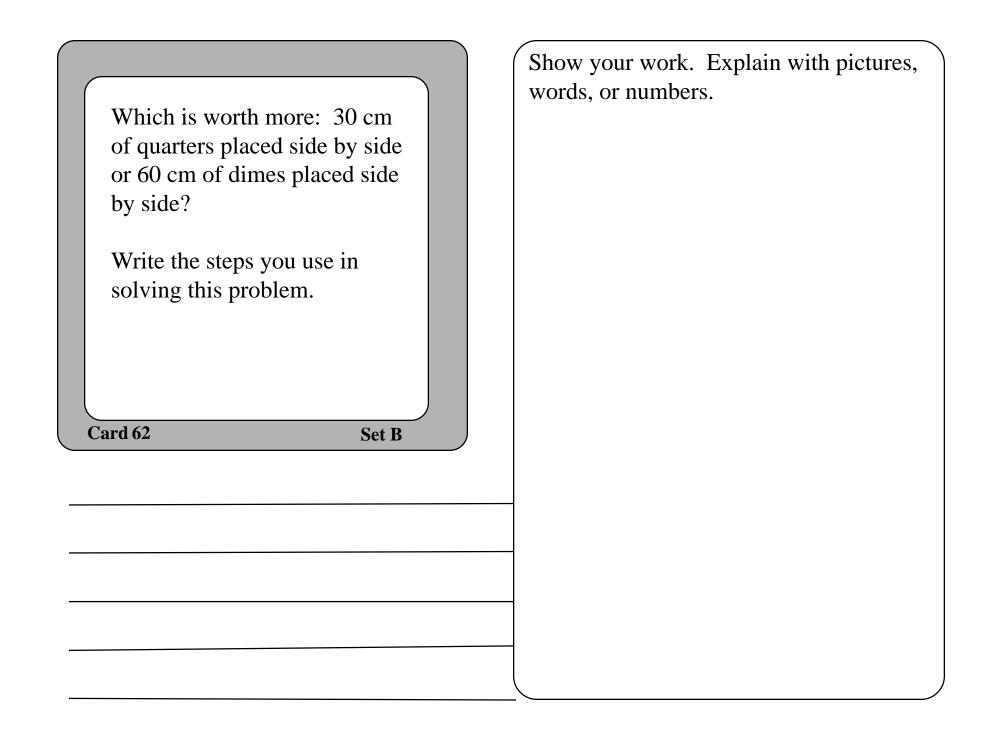
There are 10 pages in Anthony's baseball card album. Each side of the page has 12 pockets for cards. When his book is half full, how many cards will Anthony have collected?

Write a letter to your friend telling how you figured this out.

Card 60

Set B





Show your work. Explain with pictures, words, or numbers. There are four boys in the Grant family. Alex is older than Jerry and younger than Stuart. Ross is not the oldest or the youngest. Alex does not have two older brothers. Write the names of the boys from oldest to youngest. Card 63 Set B

