Sample Cards - Yellow / Year 1

Problem Solving

1

Amy is first in line.

a. Who is third in line?

b. How many children are in front of Edie?

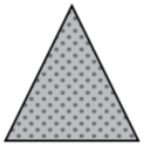
c. How many children are behind Bob?

9

 − 2 = 7

 +  = 17

Same shapes are the same number.

a.  = ____

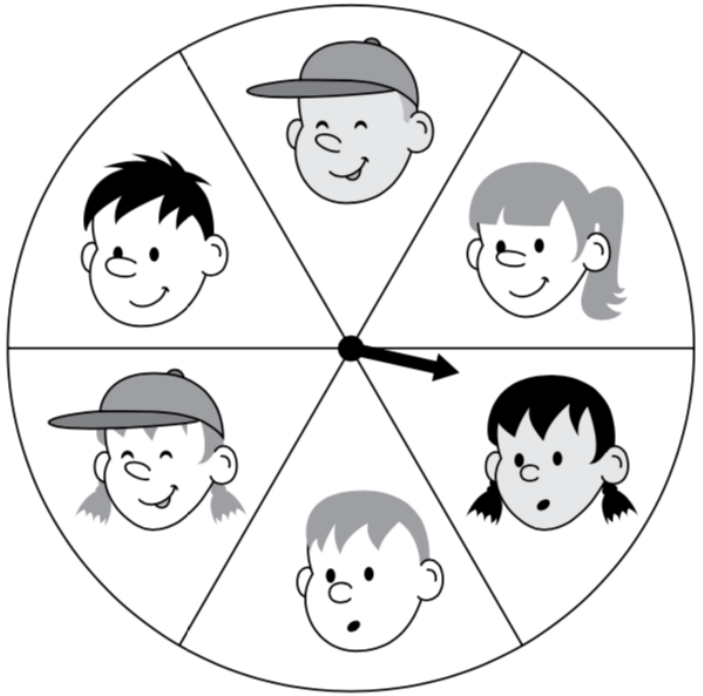
b.  = ____

Sample Cards - Orange

Problem Solving

8

Imagine that you spin the spinner once.



a. Are you more likely to get a person with a hat or without a hat?

b. Write how you figured it out.

Prickly Problems

9

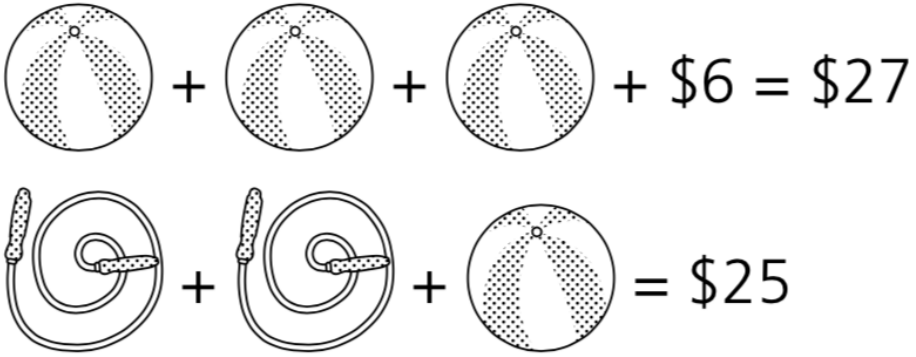
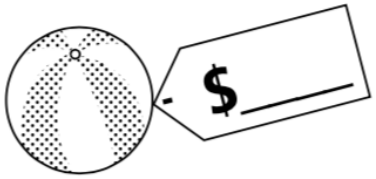
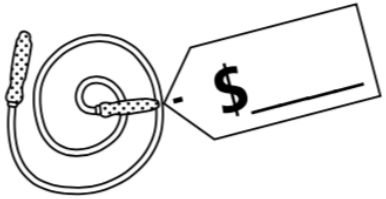


Figure out the prices of these items.

a. 

b. 

Thinking Mathematically and Problem Solving

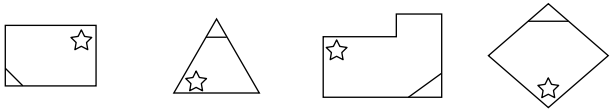
Sample Cards Purple

www.origomath.com
your source of inspiration

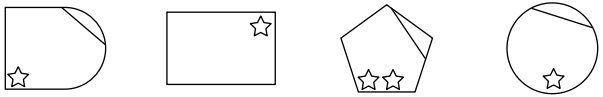
ORIGO EDUCATION

2

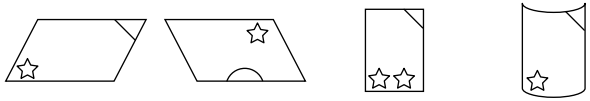
All of these are spinkies.



None of these are spinkies.



a. Which of these are spinkies?



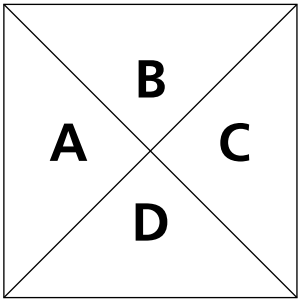
A *B* *C* *D*

b. Describe a spinkie.

Prickly Problems

5

"I can see 8 triangles hidden in the square."



a. Use the letters to write a list of the triangles that you can see. You can use more than one letter.

b. Is Sara right?

Sample Cards Green

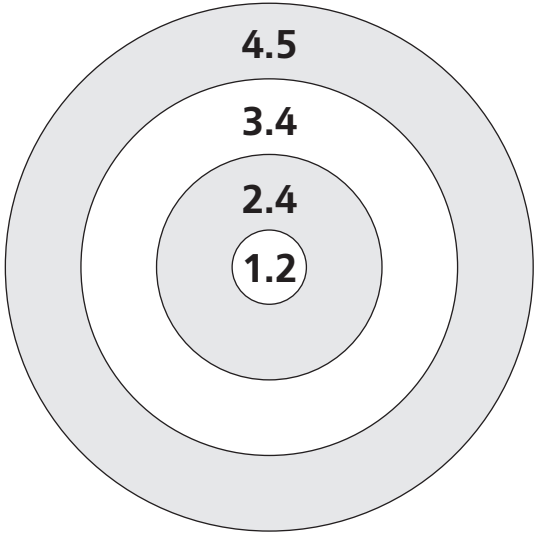
www.origomath.com
your source of inspiration

ORIGO EDUCATION

7

Dan threw 3 beanbags.
The 3 bags landed in
2 different rings.
His score was 12.4.

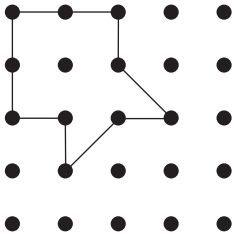
Erika threw 3 beanbags.
The 3 bags landed in
2 different rings.
Her score was 8.0.



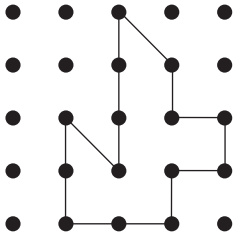
a. Which ring did neither of them hit?

b. Write how you figured it out.

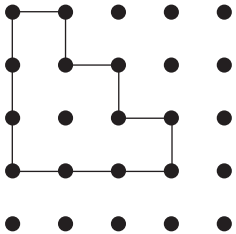
8



A



B



C

a. Which two shapes have the same area?

b. What is the area of both shapes in square units?

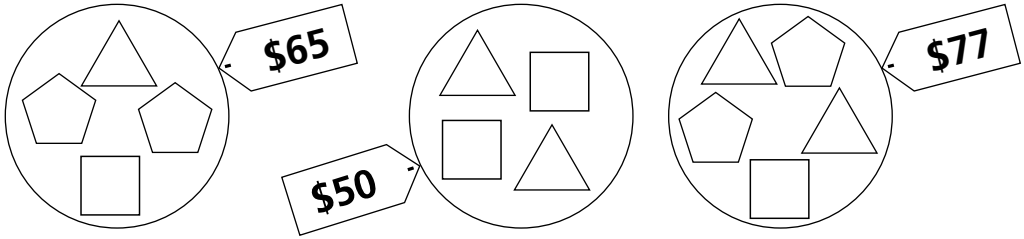
Thinking Mathematically and Problem Solving

Sample Cards Red

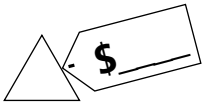
www.origomath.com
your source of inspiration

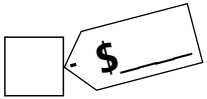
ORIGO EDUCATION

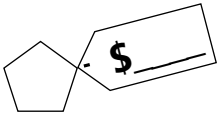
11



Same shapes cost the same amount.

a. 

b. 

c. 

4

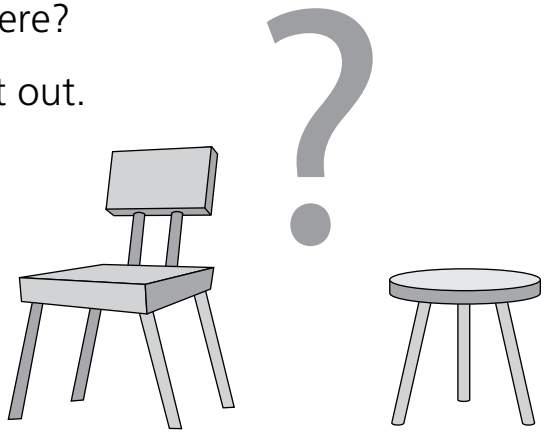
A store sells chairs with 4 legs and stools with 3 legs.

There is a total of 58 legs and 16 seats in the store.

a. How many chairs are there?

b. How many stools are there?

c. Write how you figured it out.



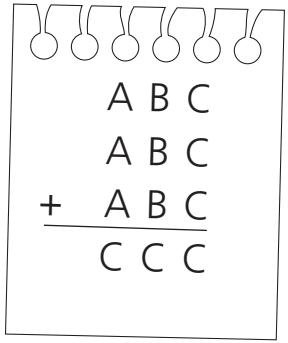
Sample Cards Blue

www.origomath.com
your source of inspiration

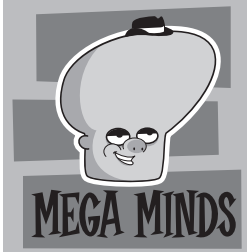
ORIGO EDUCATION

9

A, B and C are different whole numbers.



A + B + C = ____



7

A library card number has 6 digits.

The number can contain any digit from 0 to 9, but can not contain all zeros.

a. How many different library card numbers are possible?

b. Write how you figured it out.

HEAD POLISHERS