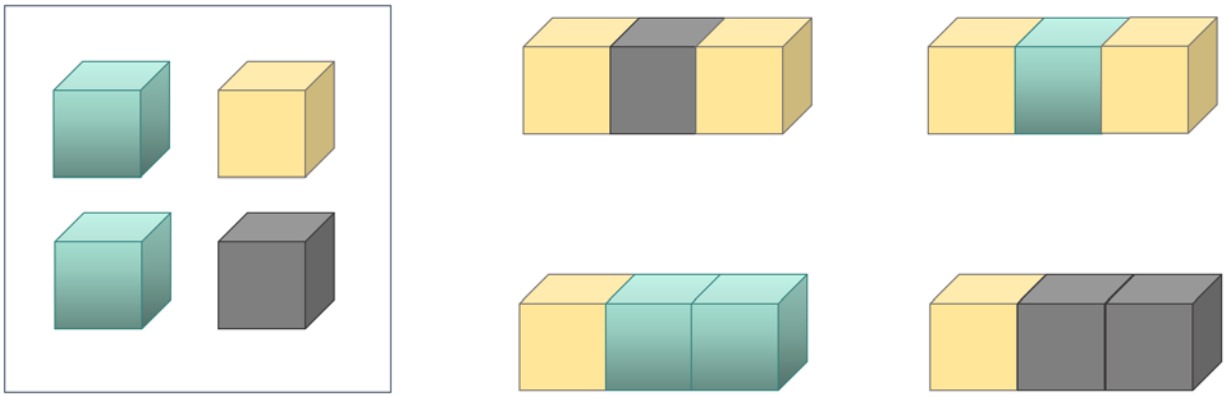
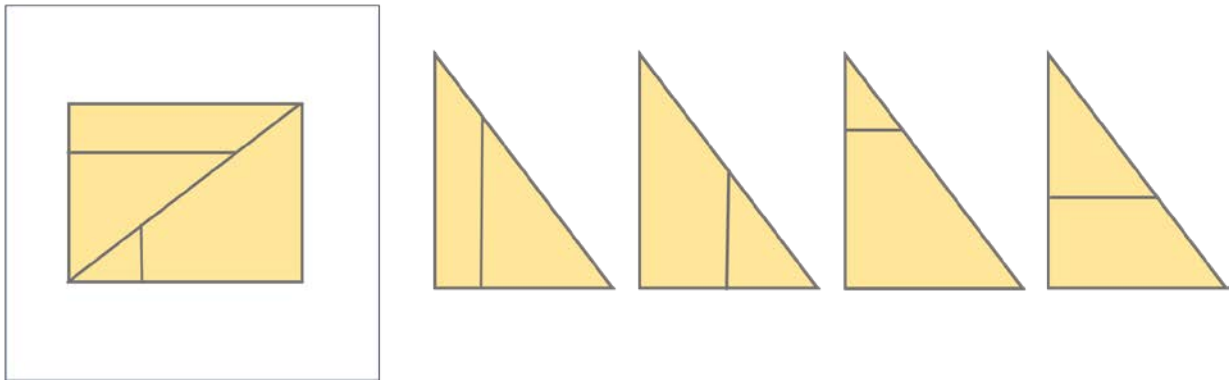
RISU Critical Thinking Sample Questions Grade 2

Figurative Reasoning

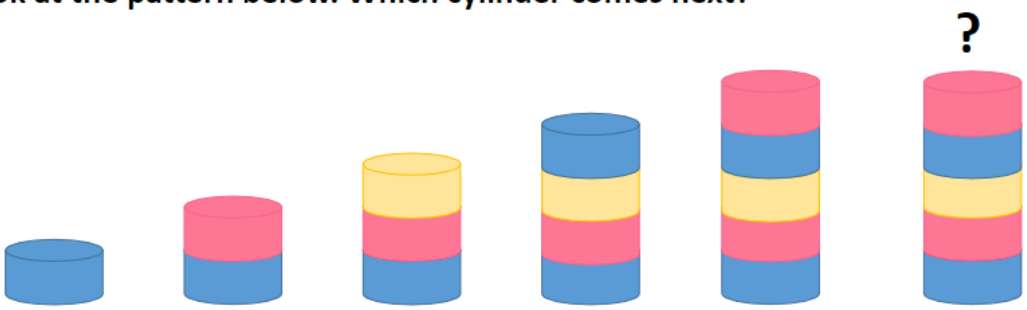
Select the shape on the right that can be formed with the cubes on the left.



Select any shape that exactly matches one of the shapes in the box on the left.



Look at the pattern below. Which cylinder comes next?



Answer -

A. **B.** **C.**

Verbal Reasoning

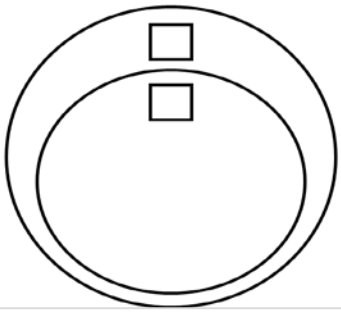
Select the word that is best fit for the analogy.

Rose	Flower
Banana	?

1.Water 2. Leaf 3. Plant 4. Fruit

Put the appropriate number in the diagram that shows relationship of words. The smaller circle is a part of larger circle.

1. Leaves
2. Tree



Numerical Reasoning

Fill in the missing number.

12 12 14 13 16 14 18 ? 20 16 22

Different letters represent different numbers.
Find all the numbers.

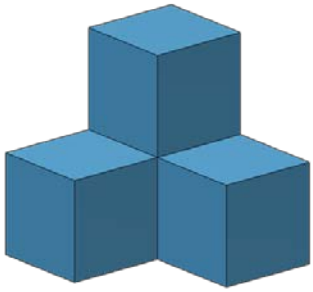
$$\begin{array}{r} A \\ +\ A \\ \hline 4 \end{array} \qquad \begin{array}{r} B \\ +\ B \\ \hline 6 \end{array} \qquad \begin{array}{r} C \\ +\ C \\ \hline 8 \end{array}$$

Answer A = B = C =

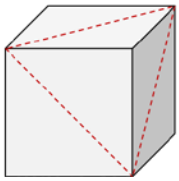
Spatial Reasoning

How many units are in the figure?

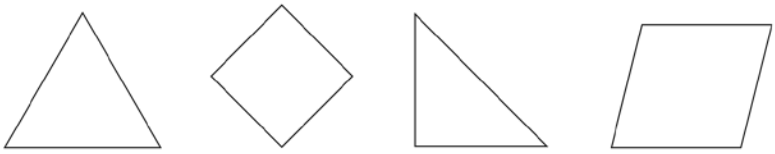
1 Unit = 



If you slice a 3D shape along a dotted line, what 2D shape would you have?
Select the correct answer.

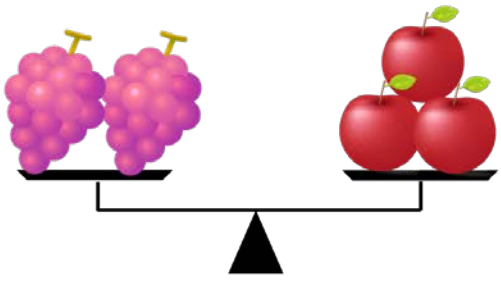


Answer



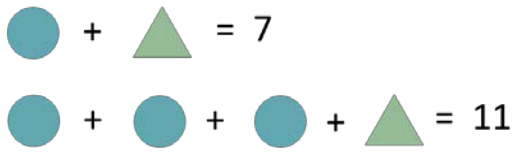
Logical Reasoning

Look at the scale below. Which one is lighter?



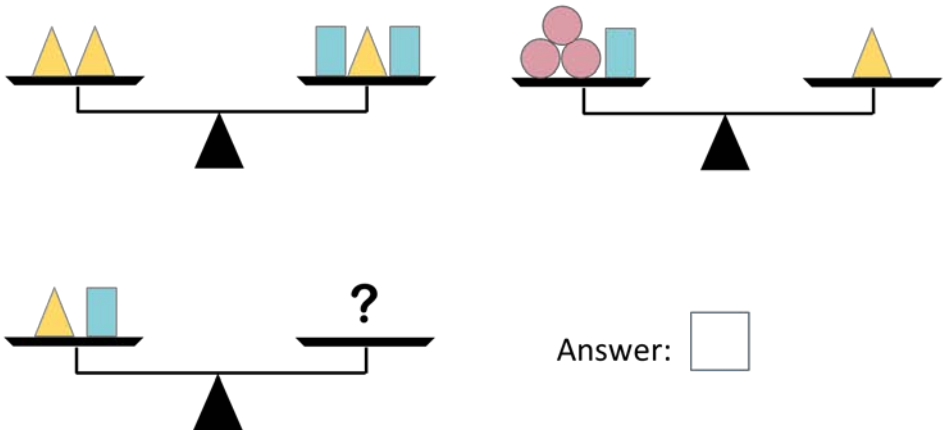
Answer:

and represent a specific number in the following equations.
Let's find out what numbers they represent for each problem.



Answer: = =

Look at the scales below. How many circles do you need to balance the scale?



Answer:

Competitive Math

If Jessica is two inches taller than Joe, but 4 inches shorter than Paulina, then how many inches taller is Paulina than Joe?

2 inches
6 inches
8 inches
5 inches
16 inches

Points A, B, and C are all on a line.
A → B: 8 inches
A → C: 11 inches
Find the total distance when going from
A → B → C → A → C → B.

33 inches
36 inches
25 inches
34 inches
23 inches

Jack has 31 books on his bookshelf. At a garage sale, he sells 13 of those books to a woman named Grace. He sells half of the books that are left to his neighbor, Michael. How many books does he have left?

13 books
9 books
7 books
15 books
10 books

2# Simon was opening a numeric lock. He knew the key made of 3 numbers, 2, 4 and 8, however, forgot their order. After trying multiple times, he realized 2 could not be the first number, and 4 could not be the middle number. If 8 was the first number for sure, what was the key for that numeric lock?

(A) 428 (B) 248 (C) 842 (D) 824 (E) 482