



# Critical Thinking & Math



It's fun and challenging!

## Build confidence and get advanced!

Mastering math is crucial, but it isn't enough for success. Critical Thinking is the true key to success.

- ✓ **A wide variety of questions** focus on five key areas; logical, numerical, verbal, figurative, and spatial reasoning.
- ✓ **Be ready for the CAASPP** by covering commonly tested 41 patterns of word problems and 15 patterns of geometry problems.
- ✓ **Highly efficient tablet-based learning** will accelerate learning and makes learning an enjoyable experience.
- ✓ **Fully personalized support** by RISU tutors drives effective learning.
- ✓ **Learning at their own pace** enables faster advancement in a low-stress setting

# Critical Thinking Sample Questions

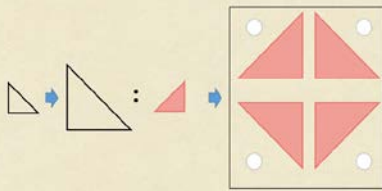
Select the picture that matches the one on the left.



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



Select the figure that completes the analogy.



Rank the shapes from heaviest (1) to lightest (4).  
Write the correct numbers in the blanks.



Answers:

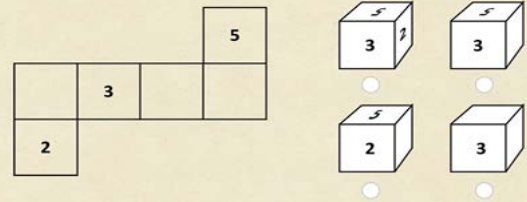
A column or row never contains the same shape twice.  
Every column and row contains all of the shapes.  
Which shape does the question mark represent?



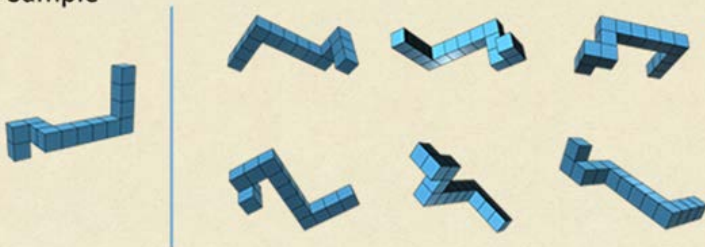
Answer



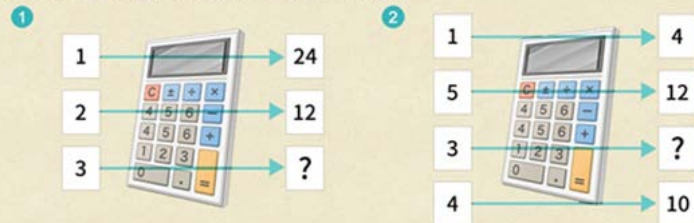
Select the folded model that shows how the pattern on the left will look when folded.



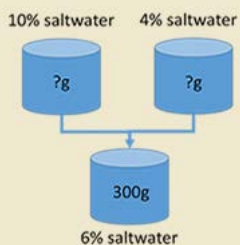
Select the same shape as the sample.



These calculators transform the numbers on the left to the numbers on the right.  
If you enter 3 into the calculators, what do you get?



You would like to produce 6% of 300 g saltwater with 4% of saltwater and 10% of saltwater.  
How many grams of each saltwater would you need?



10% of 100 g saltwater contains 10 g of salt.

There are 3 squares and 2 diagonal lines.  
Find the sum of angle A and angle B.  
(This is a super difficult question)

