Sample questions 3ʳᵈ grade

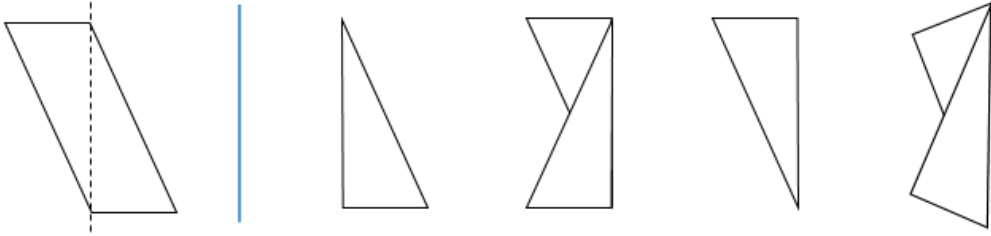

Sample questions 3rd grade

Figurative reasoning

A piece of paper is folded along a dotted line inward. What will be the shape of the paper?

Look at the sample. Select the same shape.

Sample

Verbal reasoning

Select the word that represents a whole thing and rest of words are parts of the whole thing.

family , mother , father , siblings

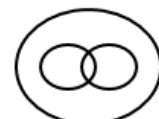Select the diagram that best describes relationship of following words.

1. Birds, chickens, pigeons

2. Sweets, cakes, chocolate cakes

3. Sweets, chocolates, cakes

Numerical reasoning

Different letters represent different numbers.
Find all the numbers.

$$
\begin{array}{r}
2 \\
+\ A \\
\hline
5
\end{array}
\qquad
\begin{array}{r}
B \\
+\ 4 \\
\hline
9
\end{array}
\qquad
\begin{array}{r}
3 \\
+\ C \\
\hline
7
\end{array}
$$

Answer   A =   B =   C =

In this calculation, different letters represent different numbers.
What numbers do A and B represent?

$$
\begin{array}{r}
2\ A\ 9 \\
\times\quad\ \ B \\
\hline
1\ 4\ 6\ 3
\end{array}
$$
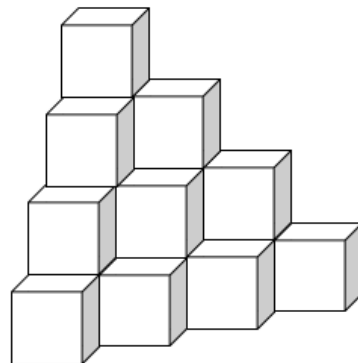
Answer

A = ☐   B = ☐
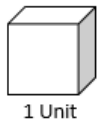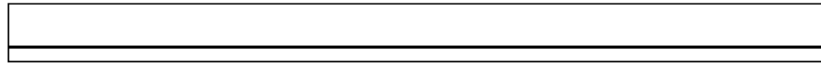
Fill in the missing number.

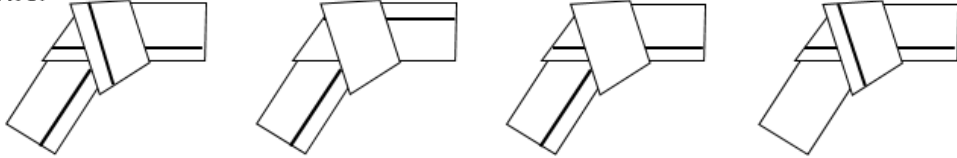2   4   8   3   9   27   4   16   64   5   ?   125

Spatial reasoning

How many units are in the figure?

1 Unit

There is a piece of tape with a straight line drawn on one side.
How should the tape look when tied? Choose the correct answer.

Answer

Logical reasoning/deductive reasoning

Connor, Kate, and Zoe have a dog, cat, and fish. Find out each person's pet.

Connor does not like dogs.
Zoe does not have a cat.
Kate does not like furry animals.

	Connor	Kate	Zoe
Dog			
Cat			
Fish			

3 lions, 3 sheep, and 1 wolf are celebrating a horse's birthday. Given the information and the diagram, determine the seating order.
Write the correct numbers in the blanks. (1 = wolf, 2 = lion, 3 = sheep)

Wolf — I want to be closest to the horse.

3 lions — We don't want to face the sheep. We don't want to sit with the sheep on the same side of the table.
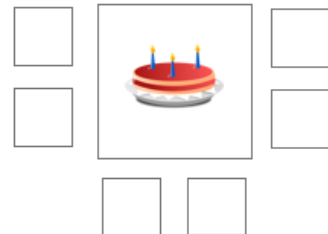
3 sheep — We don't want to sit between the horse and lion.
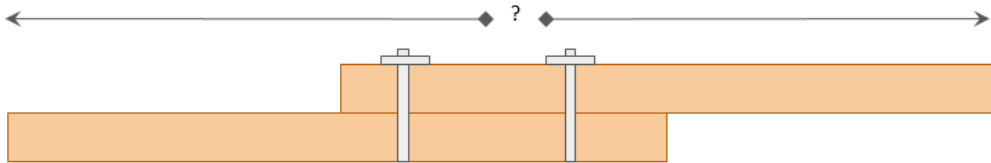
Answer

Horse

Logical reasoning/arithmetic

Two wooden boards are each 10 feet long. When they are nailed together, they overlap 5 feet. How long is the resulting piece when the two boards are nailed together?

Answer: [ ]

Kerry can buy candy in bags of 2, bags of 5, or bags of 9. If Kerry wants to buy exactly 43 pieces of candy, what is the minimum number of bags of candy she can buy?

a) 4   b) 5   c) 6   d) 7   e) 8

Jonie has 5 different colored of balls red, orange, yellow, green and purple. How many different ways can Jonie bring two balls to school?

a)7   b) 8   c) 9   d) 10   e) 11

Gus has an even number of candy. He divides his candy amongst himself and 6 friends. He has 4 remaining pieces after all of the candy has been divided up. What is a possible amount of candy that Gus started with?

a) 11   b) 20   c) 28   d) 32   e) 54