

1

Arrange given groups of numbers from least to greatest:

a) 209, 69, 19, 199, 9, 109 _____

b) 46, 116, 306, 26, 6, 176 _____

2

Write the numbers.

a) Seven hundred four _____

b) Five hundred forty _____

c) 3 hundred 4 ones _____

d) 8 hundred 2 tens _____

3

Write the value of the underlined digit.

a. 45 – forty (4 tens)

b. 68 _____

c. 719 _____

d. 801 _____

e. 430 _____

f. 182 _____



On the number line above find and mark the numbers:

a) greater than 5 and less than 10: : _____

b) less than 18 and greater than 14: _____

5

Write the number 222 in Mesopotamian's symbols.

(ones were written as Δ , tens as \blacktriangleleft , and 60 as \blacktriangledown).

10

Write the expressions instead of words sentences:

- a) the sum of 29 and 2 is greater than A _____
- b) B is greater than the difference between 20 and 5 _____
- c) C is equal to the sum of 11, 32 and 40 _____
- d) the difference between 100 and D is less than E _____

11

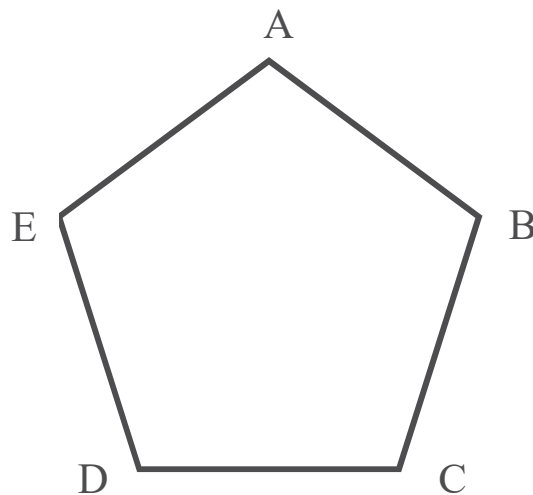
I have ten boxes, with a total weight of 75kg: 15 kg, 13 kg, 11 kg, 10 kg, 9 kg, 8 kg, 4 kg, 2 kg, 2 kg, 1 kg.

I want to pack the boxes into 3 crates, but each crate can carry a maximum of 25 kg.

How can I pack the boxes into the crates? (There may, or may not, be more than one way!)

12

Using a ruler, connect point A with points D and C. Also Connect points E and B. How many triangles can you find on the picture?

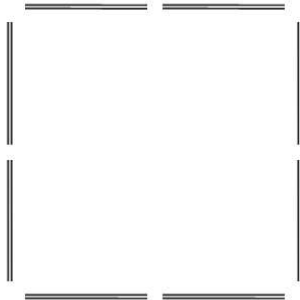


Matchsticks puzzles:

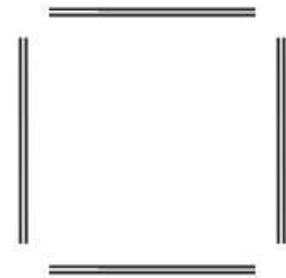
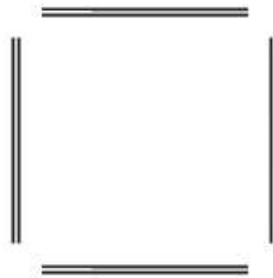
13

Using 8 matchsticks, you can make one square or two squares.

one square:



two squares:



Look at the picture below. Make the same shape on your table (instead of matchsticks you can use toothpicks or any other short sticks of the same length)?

Remove 2 matchsticks (do not touch the other matches) to get 3 squares. How many matchsticks should you remove to get 2 squares?

Draw your solutions here.

