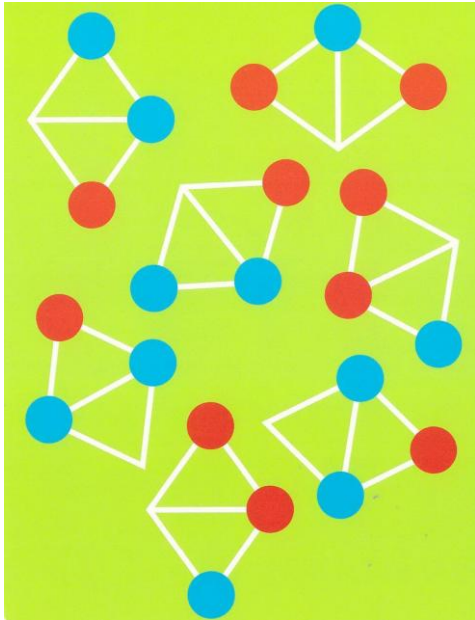
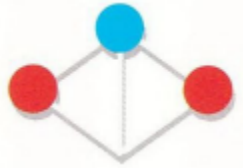


Question 1:  
Which is the odd one out?

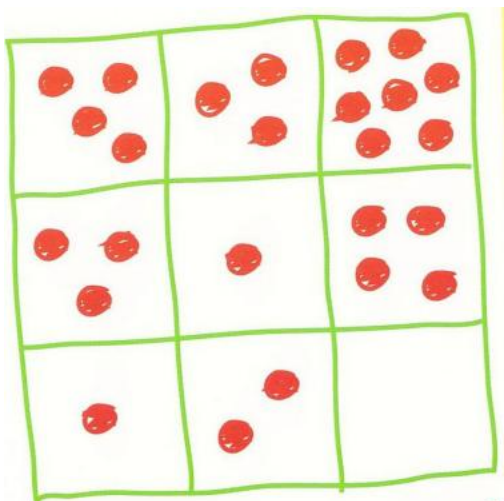


Answer:



In all the other figures, the two balls of the same color are always connected.

Question 2:  
Discover the pattern in the grid, and draw the correct number of dots in the blank square.



Answer:

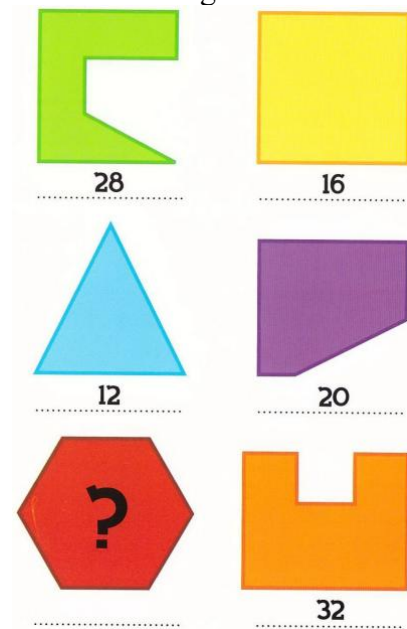
3 dots

Across (row):  $4 + 3 = 7$ ,  $3 + 1 = 4$ ,  $1 + 2 = 3$ .

Down (column):  $4 - 3 = 1$ ,  $3 - 1 = 2$ ,  $7 - 4 = 3$ .

Question 3:

Each number is connected to the shape above it. Find out how, then write the missing number under the hexagon.



Answer:

24

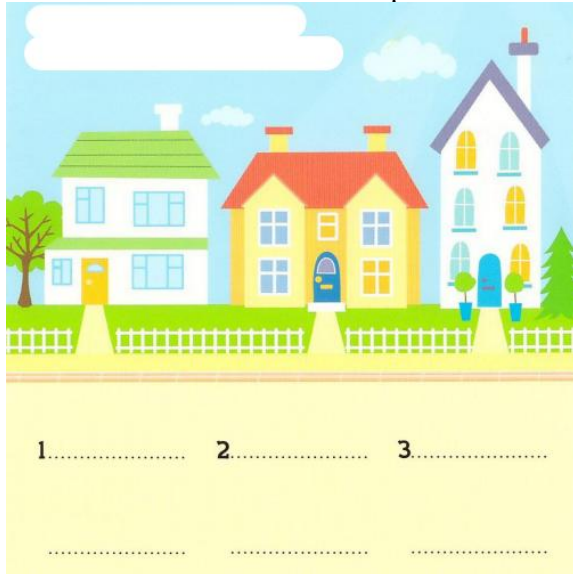
Count the number of sides and multiply by four.

Question 4:

There are three houses on this street. Two people live in each house. As you look at the houses...

- Mike lives directly to the right of Ray.
- Andy lives directly to the left of Mia.
- Mia lives directly to the left of Anna.
- Rose lives directly to the left of Mia.

Who lives where? Write each person's name under their house.



Answer:

“Mike lives directly to the right of Ray.”

From this, we know that Mike and Ray do not live in the same house. Mike’s house is immediately to the right of Ray’s house.

“Andy lives directly to the left of Mia.”

From this, we know that Andy and Mia do not live in the same house. Andy’s house is immediately to the left of Mia’s house.

“Mia lives directly to the left of Anna.”

From this, we know that Mia and Anna do not live in the same house. Mia’s house is immediately to the left of Anna’s house.

“Rose lives directly to the left of Mia.”

From this, we know that Rose and Mia do not live in the same house. Rose’s house is immediately to the left of Mia’s house.

So the only possible solution is:

House 1: Andy and Rose

House 2: Ray and Mia

House 3: Mike and Anna

Question 5:

A bus driver was heading down a street in Paris. He went past a stop sign without stopping. Then he turned left where there was a sign meaning 'NO LEFT TURN'. Finally, he went the wrong way down a one-way street. But after all this, no traffic laws had been broken. Why not?



Answer:  
He was walking.