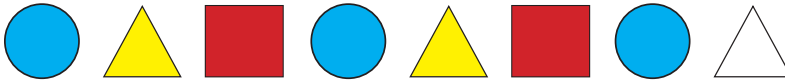




# Patterns

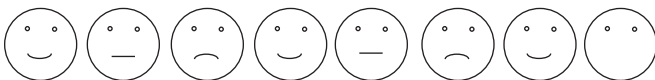
**Q1. Colour the shape to complete the pattern:**



**Q2. Study the pattern and fill in the missing alphabets:**



**Q3. Follow the pattern to complete the last face:**



**Q4. Observe the pattern and fill in the blanks:**

$$30 - 11 = 19,$$

$$40 - 11 = 29,$$

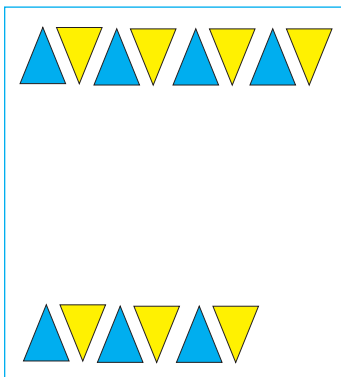
$$50 - 11 = 39,$$

$$60 - 11 = \underline{\quad},$$

$$70 - 11 = \underline{\quad},$$

$$\underline{\quad} - \underline{\quad} = \underline{\quad}$$

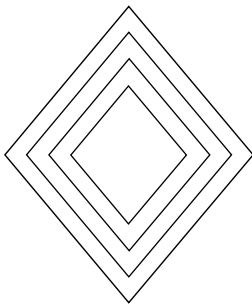
**Q5. Megha is drawing a border for a chart. Help her complete the border at the bottom by following the pattern.**



**Q6. A matryoshka doll also known as a Russian nesting doll is a set of wooden dolls of decreasing size placed one inside another.**



Can you help Sudha complete her design by nesting smaller diamonds inside the bigger diamonds, just like these dolls.



**Q7. Complete the pyramid by following the number pattern:**

				1					
			2	*	3				
		4	*	*	*	5			
	—	*	*	*	*	*	—		
—	*	*	*	*	*	*	*	—	

**Q8. The sale of items in Rani's shop is constantly increasing in a set pattern:**




Day	Number of goods sold
Monday	20
Tuesday	40
Wednesday	60

How many goods will Rani sell on Thursday?

Answer: \_\_\_\_\_ goods



**Q9. Tick the arrow that should come next:**



- a. 
- b. 
- c. 

**Q10. Circle the vehicle that should come next:**



- a. 
- b. 

**Q11. Fill in the missing numbers:**

1, 22, 333, 4444, 55555, \_\_\_\_\_

**Q12. Find the pattern of numbers and continue to fill in the blanks:**

$$10 \div 2 = 5$$

$$12 \div 2 = 6$$

$$14 \div 2 = 7$$

$$\_\_\_ \div 2 = \_\_\_$$

$$\_\_\_ \div 2 = \_\_\_$$

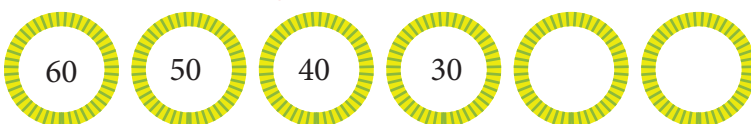
**Q13. The sun is brightening up with each passing hour. Draw all the rays of the sun according to the given pattern and make the sun shine brightly.**



**Q14. Find the pattern and complete the number series:**

195, 194, 193, \_\_\_\_, \_\_\_\_, \_\_\_\_, 189

**Q15. Fill in the missing numbers in the circles:**



# ANSWERS

1.



2.



3.



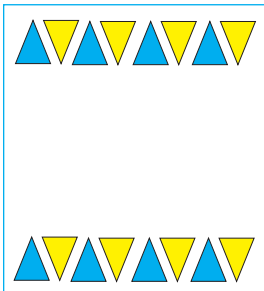
4.

49,

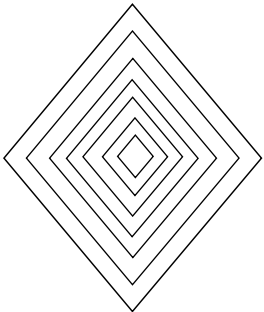
59,

80, 11, 69

5.



6.



7.

				1				
			2	*	3			
		4	*	*	*	5		
	6	*	*	*	*	*	7	
8	*	*	*	*	*	*	*	9

8.

80

9.

(c)

10.

(a)

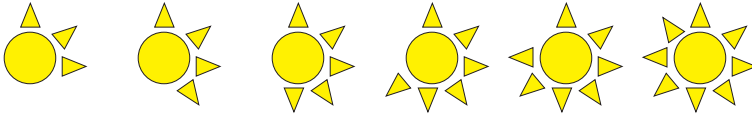
11.

666666

12.  $16 \div 2 = 8$

$18 \div 2 = 9$

13.



14. 192, 191, 190

15.

