

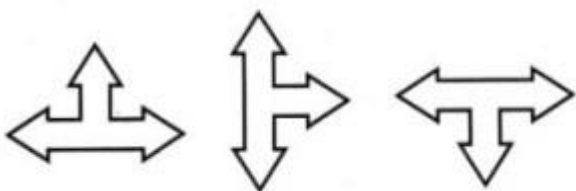
Class 5 Maths Can You See the Pattern? Worksheets

1. Complete the following patterns.

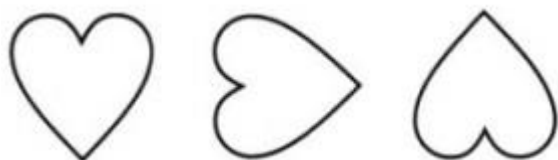
(a)



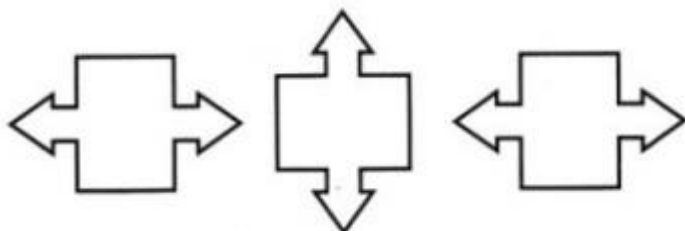
(b)



(c)



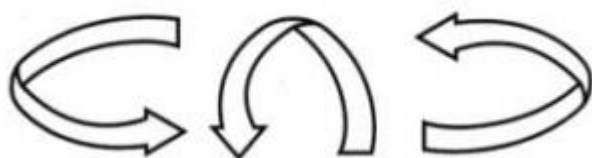
(d)



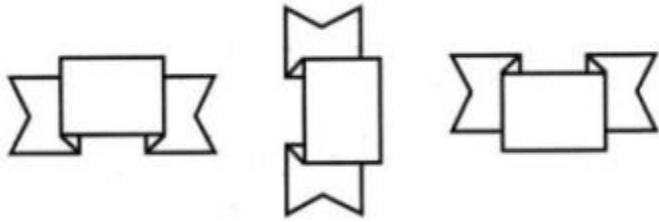
(e)



(f)



(g)



(h)

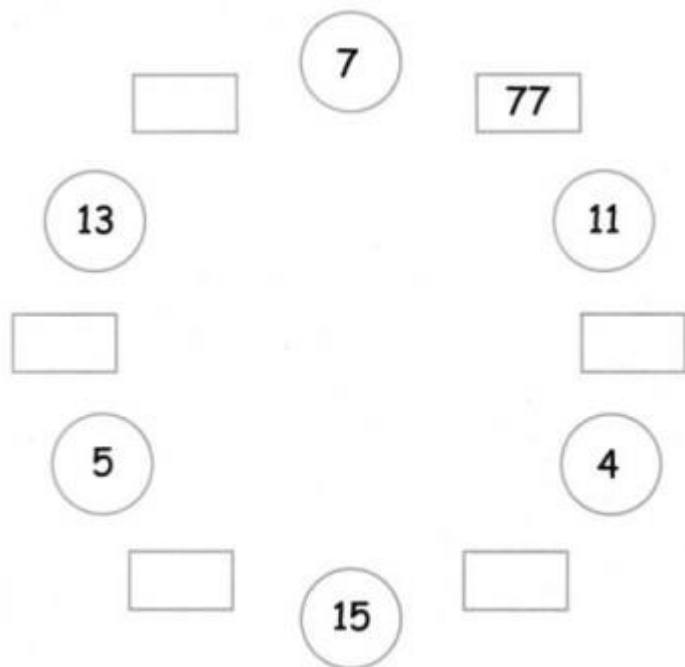


2. Find the missing number.

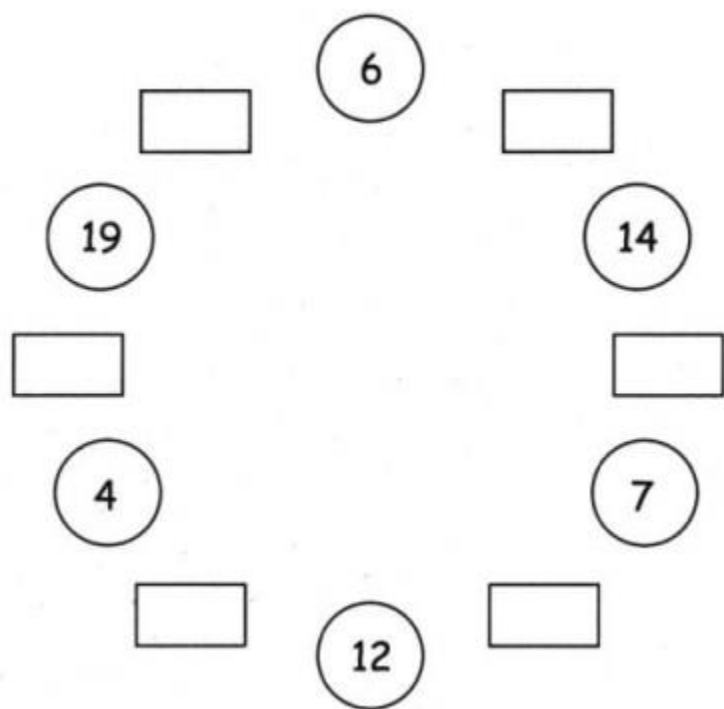
- (a) $6 \times 9 = 6 \times 3 \times \dots$
- (b) $100 \times 5 = 25 \times \dots$
- (c) $72 + 10 + 33 = 72 + \dots$
- (d) $24 + 29 + \dots = 10 + 14 + 29$
- (e) $48 + \dots = 21 + 38$
- (f) $31 \times 0 = \dots$
- (g) $67 + 12 + 43 = 12 + \dots = \dots$
- (h) $25 \times 0 + 75 = \dots$
- (i) $180 + 90 - 100 = \dots$
- (j) $264 + 156 \times 1 = \dots$
- (k) $111 + 222 + 333 + 444 = \dots$
- (l) $555 - 500 - 50 - 5 = \dots$

3. You will get numbers in each $\square$ by multiplying the numbers in the $\circ$ next to it.

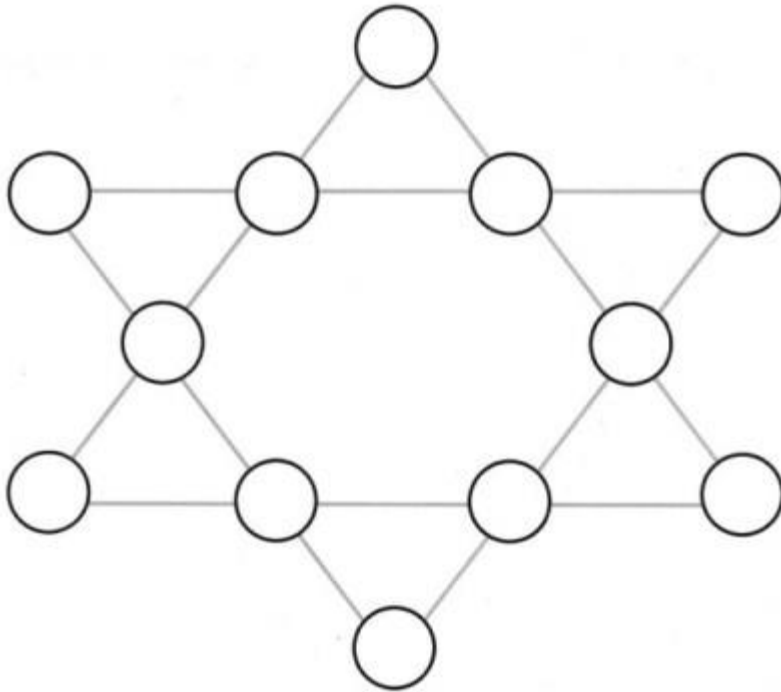
(a)



(b)



4. In the magic star write the numbers from 1 to 12 in $\circ$ such that the sum of 4 numbers in a row is 26.



5. Guess and write:

* What is my secret number?

- (a) It is larger than half of 100.
- (b) It is more than 6 tens and less than 7 tens.
- (c) The tens digit is one more than one's digit.
- (d) Together the digits have a sum of 11.

.....

6. What is the growth interval for the following sequences?

(a) 2, 4, 6, 8, 10, 12, 14, 16, 18, 20

These numbers grow by

(b) 45, 40, 35, 30, 25, 20, 15, 10, 5

These numbers reduce by

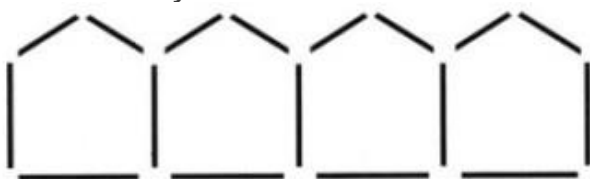
(c) 5, 10, 15, 20, 25, 30, 35, 40, 45

These numbers grow by

(d) 27, 24, 21, 18, 15, 12, 9, 6, 3

These numbers reduce by

7. How many matches are needed to make seven houses like this?



1 house	2 houses	3 houses	4 houses	5 houses	6 houses	7 houses

You need matches.

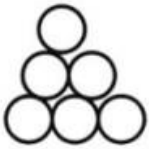
8. How many sticks are needed to make 10 diamonds?



You need sticks.

1 Diamond	2 Diamonds	3 Diamonds	4 Diamonds	5 Diamonds
..... sticks	 sticks	 sticks	 sticks	 sticks
6 Diamonds	7 Diamonds	8 Diamonds	9 Diamonds	10 Diamonds
..... sticks	 sticks	 sticks	 sticks	 sticks

9. How many apples are needed to make a pile five rows high?

				
1 row	2 rows	3 rows	4 rows	5 rows
apples	apples	apples	apples	apples

You need apples to make a 5 row pile.

10. Magic squares:

(a) Fill this square using all the numbers from 46 to 54.
The total of each line is 150.

		49
46		
	52	47

(b) Fill this square using all the numbers from 21 to 29.
The total of each line is 75.

	25	