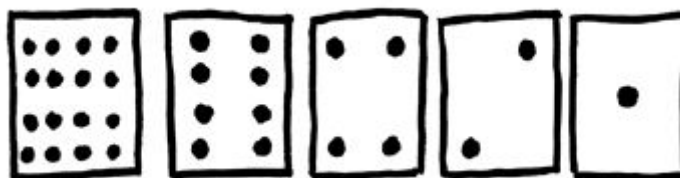


Working with Binary



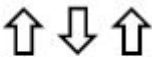




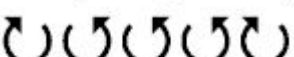




1. Based on the given cards above as reference, try to answer the given decimal number in Binary

Decimal	Binary
9	
5	
22	
7	
11	

2. Given the set of above cards:-
 - a. What is the biggest number you can make with them?
 - b. What is the smallest number you can make with them?
 - c. Is there more than one way to get a number using these cards?
For example 9 can be obtained in the decimal system by doing $7+2$ or $5+4$ or $4+2+1$ etc..Can do that with Binary?

3. Try to work out these coded numbers:

Code	In Binary	In Decimal
 (👍=1, 👎=0)	1010	10
 (☑=1, ☒=0)		
 (↑=1, ↓=0)		
 (⊙=1, ○=0)		
 (☐=1, ☑=0)		
 (😊=1, ☹=0)		
 (+=1, ×=0)		
 (∪=1, ∩=0)		
 (▲=1, ▼=0)		
 (♠=1, ♣=0)		

Name:

Class:

Div:

Roll. No:



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4. Try making the numbers 1, 2, 3, 4 in order. Can you work out a logical and reliable method of flipping the cards to increase any number by one?

Name:

Class:

Div:

Roll. No: