

1,

$$\begin{array}{rcccl} \boxed{2.5} & + & \boxed{9.5} & & =12 \\ + & & + & & \\ \boxed{12.5} & - & \boxed{2.5} & & =10 \\ =15 & & =12 & & \end{array}$$

2,

$$\begin{array}{rcccl} \boxed{0.5} & + & \boxed{14.5} & & =15 \\ + & & + & & \\ \boxed{7.5} & - & \boxed{0.5} & & =7 \\ =8 & & =15 & & \end{array}$$

3,

$$\begin{array}{rcccl} \boxed{-3} & + & \boxed{8} & & =5 \\ + & & + & & \\ \boxed{8} & - & \boxed{1} & & =7 \\ =5 & & =9 & & \end{array}$$

4,

1 , 2 , 4 , 8 , 16.....,32,64

1, 4 , 16 , 64....., 256....., 1024.....