

1,

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

2,

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

3,

$$\begin{array}{ccc} \boxed{4} & + & \boxed{1} = 5 \\ + & & + \\ \boxed{5} & - & \boxed{4} = 1 \\ = 9 & & = 5 \end{array}$$

4,

1, 2, 4, 8, 16, 32, 64
1, 4, 16, 64, 256, 1024