

# Emoji Code Breaking

|                                                                                  |                                                                                   |                                                                                   |                                                                                   |                                                                                   |                                                                                   |                                                                                    |                                                                                     |                                                                                     |                                                                                     |                                                                                     |
|----------------------------------------------------------------------------------|-----------------------------------------------------------------------------------|-----------------------------------------------------------------------------------|-----------------------------------------------------------------------------------|-----------------------------------------------------------------------------------|-----------------------------------------------------------------------------------|------------------------------------------------------------------------------------|-------------------------------------------------------------------------------------|-------------------------------------------------------------------------------------|-------------------------------------------------------------------------------------|-------------------------------------------------------------------------------------|
|  |  |  |  |  |  |  |  |  |  |  |
| 1                                                                                | 2                                                                                 | 3                                                                                 | 4                                                                                 | 5                                                                                 | 6                                                                                 | 7                                                                                  | 8                                                                                   | 9                                                                                   | 10                                                                                  | 20                                                                                  |

Example  +  = 11

10      1

 +  = 10

6      4

 +  = 8

5      3

 +  = 22

20      2

 +  = 17

10      7

 +  = 10

1      9

 +  = 18

8      10

$$\begin{array}{c} \text{😊} \\ 10 \end{array} + \begin{array}{c} \text{😴} \\ 5 \end{array} = \boxed{15}$$

$$\begin{array}{c} \text{😍} \\ 20 \end{array} + \begin{array}{c} \text{🤠} \\ 9 \end{array} = \boxed{29}$$

$$\begin{array}{c} \text{🎉} \\ 8 \end{array} - \begin{array}{c} \text{🐵} \\ 6 \end{array} = \boxed{2}$$

$$\begin{array}{c} \text{😍} \\ 20 \end{array} - \begin{array}{c} \text{😊} \\ 10 \end{array} = \boxed{10}$$

$$\begin{array}{c} \text{😴} \\ 5 \end{array} + \begin{array}{c} \text{😴} \\ 5 \end{array} = \boxed{10}$$

$$\begin{array}{c} \text{🤠} \\ 9 \end{array} + \begin{array}{c} \text{👓} \\ 4 \end{array} = \boxed{13}$$

$$\begin{array}{c} \text{😍} \\ 20 \end{array} - \begin{array}{c} \text{🤠} \\ 9 \end{array} = \boxed{11}$$

$$\begin{array}{c} \text{😊} \\ 10 \end{array} - \begin{array}{c} \text{😜} \\ 3 \end{array} = \boxed{7}$$