

Self-Consistency: Multiple Reasoning Paths with Majority Voting

Question: "What is $17 + 38$?"

Chain 1

Chain 2

Chain 3

Chain 4

Chain 5

$$\begin{aligned} 17+38 \\ =17+40-2 \\ =57-2 \\ =55 \end{aligned}$$

$$\begin{aligned} 17+38 \\ =20+35 \\ =55 \end{aligned}$$

$$\begin{aligned} 17+38 \\ =10+7+38 \\ =10+45 \\ =55 \end{aligned}$$

$$\begin{aligned} 17+38 \\ =15+40 \\ =55 \end{aligned}$$

$$\begin{aligned} 17+38 \\ =50+5 \\ =56 \end{aligned}$$

55

55

55

55

56

Majority Vote: 55 (4/5)