

1. 다음과 같이 약속할 때, 주어진 식을 계산하시오.

약속

$$\text{가} \star \text{나} = \text{가} \div \text{나} - \text{나} \div \text{가} \times 8$$

$$3.2 \star \frac{1}{2}$$

- ① 1.6 ② $2\frac{1}{8}$ ③ $5\frac{3}{20}$ ④ $5\frac{2}{3}$ ⑤ $6\frac{1}{5}$

해설

$$\begin{aligned} 3.2 \star \frac{1}{2} &= 3.2 \div \frac{1}{2} - \frac{1}{2} \div 3.2 \times 8 \\ &= \frac{32}{10} \times 2 - \frac{1}{2} \times \frac{10}{32} \times 8 \\ &= 6\frac{2}{5} - 1\frac{1}{4} = 5\frac{3}{20} \end{aligned}$$