

1. 다음 중 계산 결과가 가장 작은 것은?

① $-4 + 11 - 7 + 2$

② $8 - 9 + 13 - 20$

③ $-4 + 12 - 7$

④ $-1 - 3 + 6 - 4$

⑤ $8 - 4 - 7 + 2$

해설

① 2

② -8

③ 1

④ -2

⑤ -1

따라서 가장 작은 것은 ②이다.

2. 다음 중 계산 결과가 다른 하나는?

① $(-4) \div \left(-\frac{1}{2}\right)$

② $\frac{2}{3} \div \frac{1}{12}$

③ $(-2) \div \left(-\frac{1}{2}\right) \div \left(+\frac{1}{2}\right)$

④ $(+16) \div (-2)$

⑤ $\left(-\frac{4}{5}\right) \div \left(-\frac{1}{10}\right)$

해설

① $(-4) \div \left(-\frac{1}{2}\right) = (-4) \times (-2) = 8$

② $\frac{2}{3} \div \left(+\frac{1}{12}\right) = 8$

③ $(-2) \div \left(-\frac{1}{2}\right) \div \left(+\frac{1}{2}\right) = 8$

④ $(+16) \div (-2) = -8$

⑤ $\left(-\frac{4}{5}\right) \div \left(-\frac{1}{10}\right) = 8$

3. 다음 중 계산 결과가 옳지 않은 것은?

$$\textcircled{1} \left(+\frac{3}{2}\right) + \left(+\frac{2}{3}\right) = +\frac{13}{6}$$

$$\textcircled{2} \left(+\frac{1}{4}\right) + \left(-\frac{5}{6}\right) = -\frac{7}{12}$$

$$\textcircled{3} \left(-\frac{2}{5}\right) + \left(-\frac{3}{4}\right) = -\frac{23}{20}$$

$$\textcircled{4} (-2.3) + (+1.1) = +1.2$$

$$\textcircled{5} (-0.9) + (+1.6) = +0.7$$

해설

$$\textcircled{1} \left(+\frac{3}{2}\right) + \left(+\frac{2}{3}\right) = \left(+\frac{3}{2} + \frac{2}{3}\right)$$

$$= +\frac{9+4}{6} = +\frac{13}{6}$$

$$\textcircled{2} \left(+\frac{1}{4}\right) + \left(-\frac{5}{6}\right) = \left(+\frac{3}{12}\right) + \left(-\frac{10}{12}\right)$$

$$= \left(\frac{3}{12} - \frac{10}{12}\right)$$

$$= -\frac{7}{12}$$

$$\textcircled{3} \left(-\frac{2}{5}\right) + \left(-\frac{3}{4}\right) = -\left(\frac{2}{5} + \frac{3}{4}\right)$$

$$= -\frac{8+15}{20} = -\frac{23}{20}$$

$$\textcircled{4} (-2.3) + (+1.1) = -1.2$$