

1. Calculate the value of the chain of operations below.

$$\underline{(-9+5)} \times (-6+3) =$$

$$-4 \times \underline{(-6+3)}$$

$$-4 \times -3$$

$$\boxed{= 12}$$

2. Calculate the value of the chain of operations below.

$$-4 \times \underline{(-5+8)} \div 6 =$$

$$\underline{-4 \times 3} \div 6$$

$$\underline{-12} \div 6$$

$$\boxed{= -2}$$

3. Calculate the value of the chain of operations below.

$$-3 - 2^4 + 8 \times -3 - \underline{(10 - 20)} =$$

$$-3 - \underline{2^4} + 8 \times -3 - (-10)$$

$$-3 - 16 + \underline{8 \times -3} - (-10)$$

$$\underline{-3 - 16} - 24 - (-10)$$

$$\underline{-19 - 24} - (-10)$$

$$\underline{-43} + (-10)$$

$$\boxed{= -33}$$

- 2 in  
- bracket  
- only the  
2 has the  
exponent.

4. Calculate the value of the chain of operations below.

$$\begin{aligned} & -6 - (7 + \underline{8 \div 4} \times 2) - 2^4 \div 8 = \\ & -6 - (7 + \underline{2 \times 2}) - 2^4 \div 8 \\ & -6 - (\underline{7 + 4}) - 2^4 \div 8 \\ & -6 - 11 - \underline{2^4 \div 8} \\ & -6 - 11 - \underline{16 \div 8} \\ & \underline{-6 - 11} - 2 \\ & \underline{-17} - 2 \\ & \boxed{= -19} \end{aligned}$$

5. Calculate the value of the chain of operations below.

$$\begin{aligned} & (-3)^{\overset{\leftarrow \text{odd} \therefore -}{3}} \times (-4 + 2) \div -3^2 = \\ & -27 \times (\underline{-4 + 2}) \div -3^2 \\ & -27 \times -2 \div \underline{-3^2} \\ & \underline{-27 \times -2} \div -9 \\ & \underline{54} \div -9 \\ & \boxed{= -6} \end{aligned}$$