

## Exercise 19

In the following exercises, simplify each expression.

$$2^3 - 12 \div (9 - 5)$$

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### Solution

Remember the order of operations: parentheses, exponents, multiplication, division, addition, subtraction.

$$\begin{aligned} 2^3 - 12 \div (9 - 5) &= 2^3 - 12 \div 4 \\ &= 8 - 12 \div 4 \\ &= 8 - 3 \\ &= 5 \end{aligned}$$