# ORDER OF OPERATIONS

1) What is the value of $3^2 - 8 + 18 \div 6$?

    a)   2              b)   3              c)   4              d)   5

2) $12 \boxed{\phantom{x}} 9 \times (15 \div (2 + 3)) = -15$. Fill in the missing operator.

    a)   −              b)   ×              c)   ÷              d)   +

3) Pick the correct expression which gives the answer 22?

    a)   $10 \times 3 - 7$       b)   $9 \times 3 - 7$       c)   $9 \times 3 - 8$       d)   $10 \times 3 - 8$

4) $35 \div k + 9 \times 2 - 11 = 12$. Find the value of k.

    a)   $k = 5$          b)   $k = 7$          c)   $k = 6$          d)   $k = 4$

5) Match the following:

    a)   $\boxed{5 + 11 \times 2 - 9}$ ◯                    ◯ $\boxed{4}$

    b)   $\boxed{(15 \div 5) - (4 \times 6)}$ ◯                    ◯ $\boxed{-1}$

    c)   $\boxed{(-2)^3 + (4 \times (15 \div 5))}$ ◯                    ◯ $\boxed{0}$

    d)   $\boxed{9 - (6 + (27 \div 9))}$ ◯                    ◯ $\boxed{-21}$

    e)   $\boxed{12 - 2^2 \times 4 + 3}$ ◯                    ◯ $\boxed{18}$

# ORDER OF OPERATIONS

**Answer key**

OF:58

1) What is the value of $3^2 - 8 + 18 \div 6$?

   a) 2        b) 3        **c) 4**        d) 5

2) $12 \boxed{-} 9 \times (15 \div (2 + 3)) = -15$. Fill in the missing operator.

   **a) −**        b) ×        c) ÷        d) +

3) Pick the correct expression which gives the answer 22?

   a) $10 \times 3 - 7$    b) $9 \times 3 - 7$    c) $9 \times 3 - 8$    **d) $10 \times 3 - 8$**

4) $35 \div k + 9 \times 2 - 11 = 12$. Find the value of k.

   a) $k = 5$        **b) $k = 7$**        c) $k = 6$        d) $k = 4$

5) Match the following:

   a) $5 + 11 \times 2 - 9$             4

   b) $(15 \div 5) - (4 \times 6)$             −1

   c) $(-2)^3 + (4 \times (15 \div 5))$             0

   d) $9 - (6 + (27 \div 9))$             −21

   e) $12 - 2^2 \times 4 + 3$             18