



# ORDER OF OPERATIONS

Name \_\_\_\_\_

Score \_\_\_\_\_

OF:35

Example 1:  $\frac{1}{3} + 3 \div \frac{9}{7} \times 1\frac{1}{2}$

$$= \frac{1}{3} + \frac{7}{3} \times 1\frac{1}{2}$$
$$= \frac{1}{3} + \frac{7}{2}$$
$$= \frac{23}{6} \text{ or } 3\frac{5}{6}$$

Example 2:  $48.8 \div 0.8 - 33.3 + 1.9$

$$= 61 - 33.3 + 1.9$$
$$= 27.7 + 1.9$$
$$= \mathbf{29.6}$$

Solve each expression.

1)  $17.3 + 4 \times 5 - 38.4$

\_\_\_\_\_

2)  $9.3 - 6.3 \div 0.9 \times 7.9 - 2$

\_\_\_\_\_

3)  $1\frac{1}{8} - \frac{1}{4} + \frac{1}{2} \times \frac{1}{4}$

\_\_\_\_\_

4)  $5 \times \frac{1}{2} + 3\frac{1}{2}$

\_\_\_\_\_

5)  $2.2 \div 0.2 \times 5.6$

\_\_\_\_\_

6)  $15.5 + 2.8 \times 1.4 - 19.4$

\_\_\_\_\_

7)  $\frac{1}{5} + \frac{8}{3} \div \frac{5}{3} - \frac{1}{2} \times \frac{6}{5}$

\_\_\_\_\_

8)  $\frac{1}{7} \times \frac{7}{3} - 4 \div 2\frac{1}{4}$

\_\_\_\_\_



# ORDER OF OPERATIONS

Name \_\_\_\_\_

Score \_\_\_\_\_

## Answer key

OF:35

Example 1:  $\frac{1}{3} + 3 \div \frac{9}{7} \times 1\frac{1}{2}$

$$= \frac{1}{3} + \frac{7}{3} \times 1\frac{1}{2}$$
$$= \frac{1}{3} + \frac{7}{2}$$
$$= \frac{23}{6} \text{ or } 3\frac{5}{6}$$

Example 2:  $48.8 \div 0.8 - 33.3 + 1.9$

$$= 61 - 33.3 + 1.9$$
$$= 27.7 + 1.9$$
$$= 29.6$$

Solve each expression.

1)  $17.3 + 4 \times 5 - 38.4$

**-1.1**

2)  $9.3 - 6.3 \div 0.9 \times 7.9 - 2$

**-48**

3)  $1\frac{1}{8} - \frac{1}{4} + \frac{1}{2} \times \frac{1}{4}$

**1**

4)  $5 \times \frac{1}{2} + 3\frac{1}{2}$

**6**

5)  $2.2 \div 0.2 \times 5.6$

**61.6**

6)  $15.5 + 2.8 \times 1.4 - 19.4$

**0.02**

7)  $\frac{1}{5} + \frac{8}{3} \div \frac{5}{3} - \frac{1}{2} \times \frac{6}{5}$

**$1\frac{1}{5}$**

8)  $\frac{1}{7} \times \frac{7}{3} - 4 \div 2\frac{1}{4}$

**$-1\frac{4}{9}$**