



# ORDER OF OPERATIONS

Name \_\_\_\_\_

Score \_\_\_\_\_

OF:34

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

\_\_\_\_\_

2)  $0.5 + 1.4 \times 0.1$

\_\_\_\_\_

3)  $4 \times 0.5 - 1.5 \times 3 \div 0.6$

\_\_\_\_\_

4)  $\frac{1}{5} + \frac{1}{3} \times \frac{9}{2} - \frac{3}{5}$

\_\_\_\_\_

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

\_\_\_\_\_

6)  $21.6 \div 3.6 - 0.9 + 16$

\_\_\_\_\_

7)  $12.3 + 6.1 - 9.5 \times 0.7$

\_\_\_\_\_

8)  $\frac{1}{8} \div \frac{9}{8} + \frac{2}{3} \times \frac{1}{2} - \frac{4}{9}$

\_\_\_\_\_



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## Answer key

OF:34

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

                      
 $\frac{1}{4}$

2)  $0.5 + 1.4 \times 0.1$

                      
 $0.64$

3)  $4 \times 0.5 - 1.5 \times 3 \div 0.6$

                      
 $-5.5$

4)  $\frac{1}{5} + \frac{1}{3} \times \frac{9}{2} - \frac{3}{5}$

                      
 $1\frac{1}{10}$

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

                      
 $-3\frac{2}{3}$

6)  $21.6 \div 3.6 - 0.9 + 16$

                      
 $21.1$

7)  $12.3 + 6.1 - 9.5 \times 0.7$

                      
 $11.75$

8)  $\frac{1}{8} \div \frac{9}{8} + \frac{2}{3} \times \frac{1}{2} - \frac{4}{9}$

                      
 $0$