



# ORDER OF OPERATIONS

Name \_\_\_\_\_

Score \_\_\_\_\_

OF:40

Example 1:  $\frac{7}{2} \div \left(2\frac{1}{4} - \frac{1}{2}\right)$   
 $= \frac{7}{2} \div \frac{7}{4}$   
 $= 2$

Example 2:  $(1.7 + 13.3) \times 5.4$   
 $= 15 \times 5.4$   
 $= 81$

Solve each expression.

1)  $16.2 \times (3 \div 0.3) + (-4.4)$

\_\_\_\_\_

2)  $(4.5 \div 0.9) \times 1.6$

\_\_\_\_\_

3)  $5\frac{1}{2} \times \left(\frac{8}{9} \div \frac{1}{9}\right) - 15$

\_\_\_\_\_

4)  $\left(\frac{1}{5} \div \frac{2}{5}\right) + \left(\frac{8}{3} \times 2\frac{2}{5}\right)$

\_\_\_\_\_

5)  $2.3 + (1.5 - 0.8) \times (4.5 \div 0.5)$

\_\_\_\_\_

6)  $(1 \times 7.8) - (6.4 \div 0.8)$

\_\_\_\_\_

7)  $-\frac{3}{8} + \left(\frac{9}{8} - \frac{1}{4}\right)$

\_\_\_\_\_

8)  $\left(3\frac{4}{7} - 3\frac{2}{3}\right) \times 21 + \frac{1}{2}$

\_\_\_\_\_



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## Answer key

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Example 1:  $\frac{7}{2} \div \left(2\frac{1}{4} - \frac{1}{2}\right)$   
 $= \frac{7}{2} \div \frac{7}{4}$   
 $= 2$

Example 2:  $(1.7 + 13.3) \times 5.4$   
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Solve each expression.

1)  $16.2 \times (3 \div 0.3) + (-4.4)$

157.6

2)  $(4.5 \div 0.9) \times 1.6$

8

3)  $5\frac{1}{2} \times \left(\frac{8}{9} \div \frac{1}{9}\right) - 15$

29

4)  $\left(\frac{1}{5} \div \frac{2}{5}\right) + \left(\frac{8}{3} \times 2\frac{2}{5}\right)$

$6\frac{9}{10}$

5)  $2.3 + (1.5 - 0.8) \times (4.5 \div 0.5)$

8.6

6)  $(1 \times 7.8) - (6.4 \div 0.8)$

-0.2

7)  $-\frac{3}{8} + \left(\frac{9}{8} - \frac{1}{4}\right)$

$\frac{1}{2}$

8)  $\left(3\frac{4}{7} - 3\frac{2}{3}\right) \times 21 + \frac{1}{2}$

$-1\frac{1}{2}$