



# ORDER OF OPERATIONS

Name \_\_\_\_\_

Score \_\_\_\_\_

OF:42

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x

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

$$= \frac{7}{2} \div \frac{7}{4}$$
$$= \mathbf{2}$$

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

$$= 15 \times 5.4$$
$$= \mathbf{81}$$

Solve each expression.

1)  $0.5 \times (6.2 - 3.8)$

\_\_\_\_\_

2)  $\left(3\frac{1}{2} - \frac{2}{3}\right) \div \frac{7}{6} + \frac{5}{7}$

\_\_\_\_\_

3)  $\left(3 \div \frac{6}{7}\right) \times \left(-\frac{2}{7}\right)$

\_\_\_\_\_

4)  $(-18.2) - 14.1 + (8.1 \div 9) \times 7.8$

\_\_\_\_\_

5)  $(-4 \times 1.5) + 1.8 \div 0.3$

\_\_\_\_\_

6)  $\frac{1}{2} \times \left(\frac{3}{5} + \frac{7}{5}\right) - \left(-\frac{3}{2}\right)$

\_\_\_\_\_

7)  $\left(12 \div \frac{4}{3}\right) - \left(7\frac{1}{2} \times \frac{2}{5}\right)$

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8)  $1.7 + (13.8 - 15.6) \times 2$

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## Answer key

OF:42

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)  $0.5 \times (6.2 - 3.8)$

1.2

2)  $\left(3\frac{1}{2} - \frac{2}{3}\right) \div \frac{7}{6} + \frac{5}{7}$

$3\frac{1}{7}$

3)  $\left(3 \div \frac{6}{7}\right) \times \left(-\frac{2}{7}\right)$

-1

4)  $(-18.2) - 14.1 + (8.1 \div 9) \times 7.8$

-25.28

5)  $(-4 \times 1.5) + 1.8 \div 0.3$

0

6)  $\frac{1}{2} \times \left(\frac{3}{5} + \frac{7}{5}\right) - \left(-\frac{3}{2}\right)$

$2\frac{1}{2}$

7)  $\left(12 \div \frac{4}{3}\right) - \left(7\frac{1}{2} \times \frac{2}{5}\right)$

6

8)  $1.7 + (13.8 - 15.6) \times 2$

-1.9