

Warm Up

Oct 1

1.  $-\frac{17}{4} - \frac{11}{3}$

2.  $1\frac{5}{8} + (-6\frac{1}{3})$

3.  $(-8\frac{3}{4})(2\frac{2}{15})$

4.  $-\frac{7}{8} - \frac{1}{5} \div (-\frac{3}{10}) - \frac{1}{4}$

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solutions

Warm Up

Oct 1

1.  $-\frac{17}{4} - \frac{11}{3} = \frac{51}{12} - \frac{44}{12}$   
 $= -\frac{9}{12}$   
 $= -\frac{7}{12}$

2.  $1\frac{5}{8} + (-6\frac{1}{3}) = \frac{13}{8} - \frac{19}{3}$   
 $= \frac{39}{24} - \frac{152}{24}$   
 $= -\frac{113}{24}$   
 or  $= -4\frac{17}{24}$

3.  $(-8\frac{3}{4})(2\frac{2}{15})$   
 $-\frac{35}{4} \times \frac{32}{15}$   
 $= -\frac{56}{3}$   
 $= -18\frac{2}{3}$

4.  $-\frac{7}{8} - \frac{1}{5} \div (-\frac{3}{10}) - \frac{1}{4}$   
 $-\frac{7}{8} - \frac{1}{5} \times -\frac{10}{3} - \frac{1}{4}$   
 $-\frac{7}{8} + \frac{2}{3} - \frac{1}{4}$   
 $-\frac{21}{24} + \frac{16}{24} - \frac{6}{24}$   
 $-\frac{11}{24}$

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## Problems with the homework?

Extra practice 5 &amp; 6

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Extra practice 6

$$\underline{5.} \quad \frac{9.6 \times 12.6 - 5.1 \div (-7.4) - 0.6}{(-2.9) \div 1.3 - (-6.5)}$$

$$\doteq \frac{120.96 + 0.69 - 0.6}{-2.23 + 6.5}$$

$$\doteq \frac{121.05}{4.27}$$

$$\doteq 28.35$$

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## Concept Reinforcement

Review page 144 1-13

$$1. -2.5 \quad -\frac{11}{3} = -3.\bar{6}$$

$$a) -3.4 \text{ Yes} \quad b) -\frac{9}{4} = -2.25 \text{ No}$$

$$c) -\frac{19}{6} = -3.1\bar{6} \text{ Yes} \quad d) -4.2 \text{ No}$$

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