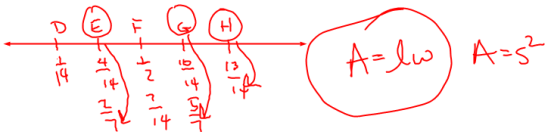


39.)



21.)

$$\frac{4}{8} \left(\frac{1}{4} \right)^2$$

$$\frac{2}{4} \left(\frac{1}{2} \right)^2$$

$$8 > 6$$

square
circle

47.)



$$A_{sq} = s^2$$

$$s^2 - r^2 \cdot \pi$$

$$A_c = r^2 \cdot \pi$$

$$8^2 - 4^2 \cdot \pi$$

D.

$$64 - 16\pi$$

37.)

 -0.5 $\frac{1}{3}$ (6)

$$\rightarrow \frac{1 \cdot 2}{2 \cdot 3}$$

$$\frac{1 \cdot 2}{3 \cdot 2}$$

$$-\frac{3}{6}$$

$$\frac{2}{6}$$

Examples from text, p. 101

$$\begin{aligned}
 \text{a)} \quad & 4\frac{1}{8} + -1\frac{1}{2} \\
 & \cancel{3}\frac{1}{8} + \frac{8}{8} = \frac{9}{8} \\
 & + -1\frac{1}{2} \cdot \frac{4}{4} = \frac{4}{8} \\
 & \hline
 & 2\frac{5}{8} = \frac{21}{8}
 \end{aligned}$$

$$\begin{aligned}
 \text{b)} \quad & -1.34 + -0.458 \\
 & \begin{array}{r} 1.340 \\ + .458 \\ \hline -1.798 \end{array}
 \end{aligned}$$

$$\text{c)} \quad -\frac{2}{5} + 1\frac{1}{2} + -\frac{2}{3}$$

$$\frac{6}{6} \cdot -\frac{2}{5} + \frac{3 \cdot 15}{2 \cdot 15} + -\frac{2}{3} \cdot \frac{10}{10}$$

$$-\frac{12}{30} + \frac{45}{30} + -\frac{20}{30}$$

$$\frac{-12}{30} + \frac{-20}{30} + \frac{45}{30}$$

$$\frac{-32}{30} + \frac{45}{30} = \frac{13}{30}$$

$$2a) -\frac{3}{5} + \frac{4}{7}$$

$$\frac{7}{7} \cdot -\frac{3}{5} + \frac{4}{7} \cdot \frac{5}{5}$$

$$-\frac{21}{35} + \frac{20}{35}$$

$$-\frac{1}{35}$$

-1-6



$$4a) p = -3.5 \quad p = 2.8$$

$$2.8 - 3.5$$

$$2.8 + -3.5 = -0.7$$

$$\begin{array}{r} 2.8 \\ - 3.5 \\ \hline -0.7 \end{array}$$

$$b) -6.24 - 8.52$$

$$-6.24 + -8.52$$

$$\begin{array}{r} 6.24 \\ + 8.52 \\ \hline 14.76 \end{array}$$

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

$$-2\frac{1}{4} + -2\frac{1}{8}$$

$$2\frac{1}{4} \cdot \frac{2}{2} = \frac{5}{8}$$

$$+ 2\frac{1}{8}$$

$4\frac{3}{8}$ points

$$b.) \frac{11}{4} - x \quad x = \frac{27}{8}$$

$$2 \cdot \frac{11}{4} - \frac{27}{8} = \frac{22}{8} - \frac{27}{8}$$

$$\frac{22 + -27}{8} = -\frac{5}{8}$$

1. Find each sum.

a) $5\frac{3}{7} + -6\frac{1}{2} = -\frac{15}{14}$

b) $-8.007 + (-5.755) = -13.762$

2. Find the difference.

a) $-\frac{5}{9} - \frac{3}{5} = -\frac{52}{45}$

b) $-\frac{1}{2} - \frac{-6}{7} = \frac{5}{14}$

c) $6.23 - (-3.42) = 7.65$

$$2 \frac{1}{8} + \frac{5}{8} = \frac{9}{8} = 1 \frac{1}{8}$$

$$- \frac{1}{4} = -\frac{2}{8}$$

$$\frac{9}{8} - \frac{2}{8} = \frac{7}{8}$$

3. Find the net change in stock that gained $3\frac{1}{8}$ pointsone day and then lost $\frac{3}{4}$ points the next day. $+ 2\frac{3}{8}$ pts

4. Evaluate.

a) $p - 7.1$, if $p = 5.2 = -1.9$

b) $\frac{8}{7} - x$, if $x = \frac{11}{14} = \frac{5}{14}$