

Warm Up

Simplify the radical.

$$\begin{aligned}
 1) \quad \sqrt{48} &= \sqrt{16 \cdot 3} \\
 &= 4\sqrt{3} \\
 &= \sqrt{4} \sqrt{12} = 2\sqrt{12} \\
 &= 2\sqrt{4} \sqrt{3} = 2 \cdot 2\sqrt{3} = 4\sqrt{3}
 \end{aligned}$$

$$\begin{aligned}
 2) \quad \sqrt{\frac{7}{16}} &= \frac{\sqrt{7}}{\sqrt{16}} \\
 &= \frac{\sqrt{7}}{4}
 \end{aligned}$$

$$\begin{aligned}
 3) \quad \frac{\sqrt{18}}{3} &= \frac{\sqrt{9} \sqrt{2}}{3} \\
 &= \frac{3\sqrt{2}}{3} \\
 &= \sqrt{2}
 \end{aligned}$$

$$\begin{aligned}
 4) \quad \sqrt{\frac{80}{45}} &= \frac{\sqrt{16} \sqrt{5}}{\sqrt{9} \sqrt{5}} \\
 &= \frac{4\sqrt{5}}{3\sqrt{5}} \\
 &= \frac{4}{3}
 \end{aligned}$$

*Finish Graphs #1-8

Due @
end of hs

*9.4 p.531 #71-82

Due
tomorrow

9.2 p.524

#17-25

(Need Graph Paper)