

UNIT 9 - DAY 8

HOMEWORK

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⑤ $\sqrt{19}$

$\boxed{\sqrt{19}}$

⑥ $\sqrt{\frac{1}{7}}$

$\frac{\sqrt{1} \cdot \sqrt{7}}{\sqrt{7} \cdot \sqrt{7}} = \frac{\sqrt{7}}{\sqrt{49}} = \boxed{\frac{\sqrt{7}}{7}}$

⑦

$\sqrt{48}$

$\sqrt{48}$
 $\begin{matrix} \nearrow 6 & \nearrow 8 \\ \textcircled{2} \textcircled{3} & \textcircled{2} \textcircled{4} \\ & \textcircled{2} \textcircled{2} \end{matrix}$

$\boxed{4\sqrt{3}}$

⑧ $\sqrt{34}$

$\sqrt{34}$
 $\begin{matrix} \nearrow 2 & \nearrow 17 \\ \textcircled{2} & \textcircled{17} \end{matrix}$
 $\boxed{\sqrt{34}}$

⑨ $\frac{5}{\sqrt{2}} \cdot \frac{\sqrt{2}}{\sqrt{2}} = \boxed{\frac{5\sqrt{2}}{2}}$

⑰ $\sqrt{125b} = \boxed{5\sqrt{5b}}$

⑱ $\sqrt{4x^2} = \boxed{2x}$

⑳ $\sqrt{\frac{4}{49}} = \boxed{\frac{2}{7}}$

㉑ $\sqrt{\frac{65}{121}} = \boxed{\frac{\sqrt{65}}{11}}$