

6.34


 $\neg(a = b \wedge \text{Dodec}(a) \wedge \neg \text{Dodec}(b))$
 $a = b \wedge \text{Dodec}(a) \wedge \neg \text{Dodec}(b)$
 $a = b$
 $\wedge \text{Elim}$
 $\text{Dodec}(a)$
 $\wedge \text{Elim}$
 $\neg \text{Dodec}(b)$
 $\wedge \text{Elim}$
 $\neg \text{Dodec}(a)$
 Substitution
 \downarrow
 $\downarrow \text{Intro}$
 $\neg(a = b \wedge \text{Dodec}(a) \wedge \neg \text{Dodec}(b))$