

**EVEN ANSWERS TO HOMEWORK “TO FINISH BY
FEBRUARY 25”**

Chapter 1.8:

2: $\binom{93}{30} < \binom{93}{31}$

4: $\frac{1}{\binom{24}{4}}$

18: $\frac{\binom{20}{2}^5}{\binom{100}{10}}$

Chapter 1.9:

6: $\frac{\binom{7}{2}\binom{6}{1} \times 5!}{6^7}$

8: $\frac{\left(\binom{13}{3}\right)^4 \times 12! \times 40!}{52!}$