**Evaluate the expression.**

1. 2!6! 2. 7!0! 3. $\frac{8!}{5!}$ 4. $\left(\genfrac{}{}{0pt}{}{5}{5}\right)$ 5. $\left(\genfrac{}{}{0pt}{}{7}{5}\right)$ 6. $\left(\genfrac{}{}{0pt}{}{13}{4}\right)$

**Rewrite as an expression that does not contain factorials.**

7. $\frac{n!}{\left(n-2\right)!}$ 8. $\frac{\left(2n+2\right)!}{\left(2n\right)!}$ 9. $\frac{\left(3n+1\right)!}{\left(3n-1\right)!}$

Use the binomial theorem to expand.

10. (4x – y)3 11. (3x – 5y)4

Use Pascal’s Triangle to expand.

12. (a + b)6  13. (a – b)7