

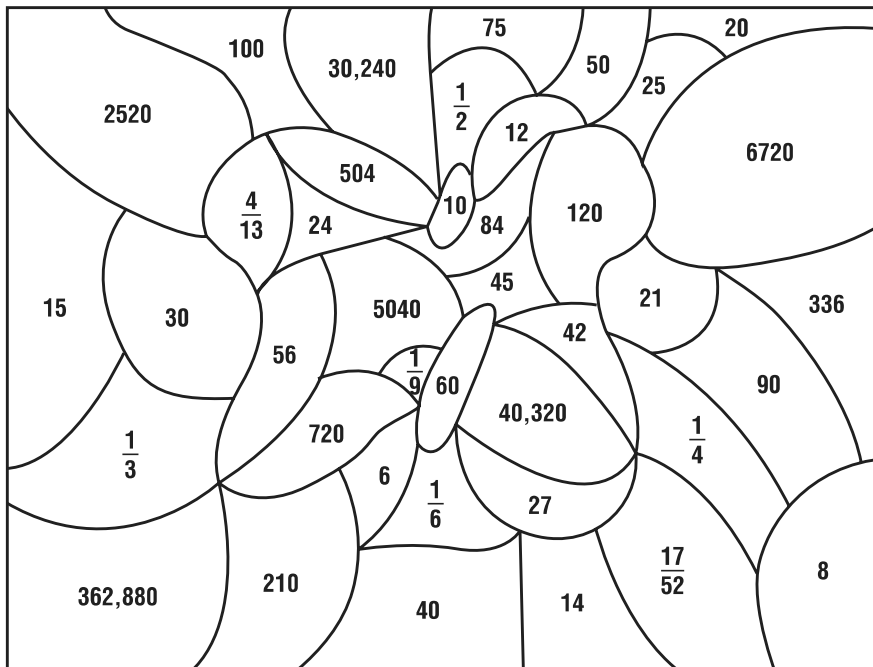
14 Chapter Review

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Find each value.

1. $5!$
2. $8!$
3. ${}_{10}P_4$
4. ${}_{7}P_2$
5. ${}_{5}C_3$
6. ${}_{8}C_5$
7. the number of sandwiches that can be made if a person must choose one out of 3 different types of meat, one out of 2 different types of cheese, and one out of 4 different types of bread
8. the number of outfits that can be worn if a person must choose one out of 5 pairs of slacks, one out of 6 shirts, and one out of 2 jackets
9. the number of ways 6 children can form a line
10. the number of ways to choose the first 3 batters from 9 baseball players
11. the number of ways to choose 2 committee members from 10 students
12. the number of ways to choose 3 types of candy bars out of 9 types of candy bars to sell for the band fundraiser
13. the probability that a card chosen at random from a standard deck of cards is either an ace or a club
14. the probability that a die is rolled twice and both times the number is less than 3

Shade in each region containing an answer to the Exercises 1–14. What do you see?



Answers are located in the Answer Key.