

PRACTICE MAKES PURR-FECT®

Find the number of ways that Event 1 can occur followed by Event 2.

- **3.** Event 1 can occur in 5 ways. Event 2 can occur in 6 ways. 30 ways
- 5. Event 1 can occur in 11 ways. Event 2 can occur in 11 ways. 121 ways
- 4. Event 1 can occur in 10 ways. Event 2 can occur in 3 ways. 30 ways

Check your answers at BigIdeasMath.com.

6. Event 1 can occur in 14 ways. Event 2 can occur in 4 ways. 56 ways

Find the number of ways that Event 1 can occur followed by Event 2, followed by Event 3.

- 7. Event 1 can occur in 2 ways. Event 2 can occur in 4 ways. Event 3 can occur in 5 ways. 40 ways
- 9. OUTFITS How many different outfits can you make using the T-shirts and jeans shown at the right? 20 outfits
- **10. OUTFITS** How many of the outfits have the gray jeans? <u>4 outfits</u>

8. Event 1 can occur in 8 ways. Event 2 can occur in 7 ways. Event 3 can occur in 6 ways. 336 ways

