

## Match Races with Their Equations

| Equation | Situation                                                                                                                                             |
|----------|-------------------------------------------------------------------------------------------------------------------------------------------------------|
|          | Chippy the Cheatin' Chipmunk started at the 4-foot line, but jumped on a motorcycle and sped toward the finish line at a speed of 12 feet per second. |
|          | Zippy the Zebra started the race at the 12-foot line, and ran at a rate of 4 feet per second up toward the finish line.                               |
|          | The Tortoise got an 8-foot head start, and ran up at a rate of 3 feet per second toward the finish line.                                              |
|          | Chester the Cheetah started 3 feet from the starting line, and ran up toward the finish line at the amazing speed of 8 feet per second.               |
|          | Peter the Piñata started at the 3-foot line, and ran 8 feet per second down toward the starting line. Who knew piñatas could run so fast?             |
|          | Loopy the Loon started at the 5-foot line, and moved back down toward the starting line at a rate of $\frac{1}{2}$ foot per second.                   |
|          | Billy the Badger started $\frac{1}{2}$ a foot away from the starting line and ran up toward the finish line at a rate of 5 feet per second.           |
|          | Franco the Freshman started with the Tortoise at the 8-foot line, but ran 3 feet per second down toward the starting line.                            |
|          | The Hare started at the 12-foot line and ran down toward the starting line at a rate of 4 feet per second.                                            |
|          | Sammy the Snail had a 5-foot head start, but only ran toward the finish line at a rate of $\frac{1}{2}$ foot per second.                              |

### Equation Choices

**A:**  $F = 8 + 3s$

**B:**  $F = 12 - 4s$

**C:**  $F = \frac{1}{2} + 5s$

**D:**  $F = 3 + 8s$

**E:**  $F = 12 + 4s$