

Speed Skating

WORD PROBLEMS

Answers

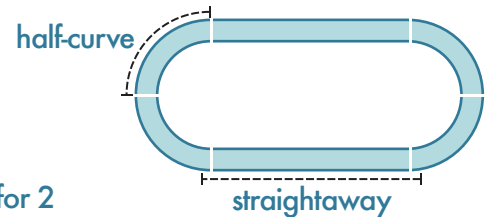
Speed Skating is an intensely competitive sport. It is also intensely mathematical! Solve the following word problems that occur on the race track.

1. A speed skating short track is 111 meters long. If a race lasts 13 laps, how long is the race?

1,443 meters

2. It takes a skater 2 seconds to go around one half-curve and 6 seconds to go around down the straightaways. How long does it take them to complete 5 laps? Look at the diagram to the right to figure out how many half-curves and straightaways are in one loop, then use multiplication to solve the problem.

1 minute and 40 seconds, or 100 seconds



3. A speed skater skates at an average speed of 12 meters per second for 2 minutes and 23 seconds. How far did the skater go? Remember, distance = speed x time, and 1 minute = 60 seconds.

1,716 meters

