

MathFLIX CHALLENGE



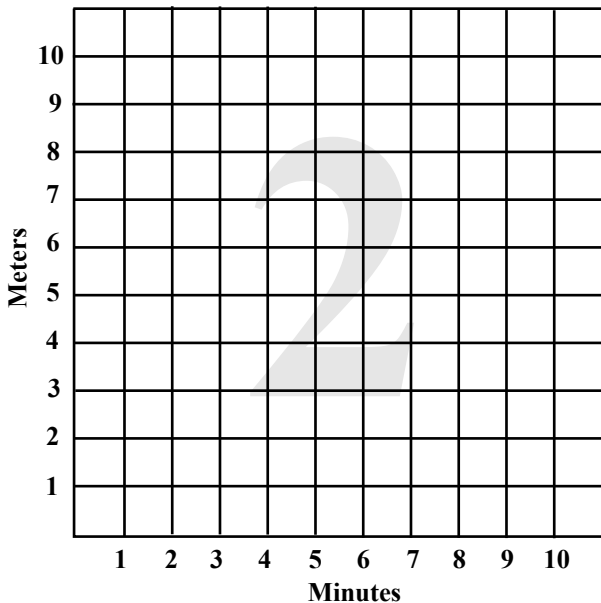
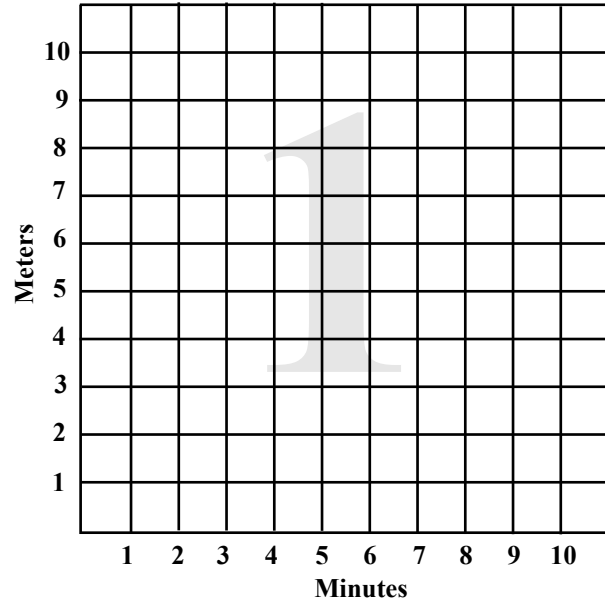
Graphing *The Ten-Meter Races*



Read the description of each race and then graph the details to determine the winner. You'll need to use three different markers to keep track of each contestant.

Race #1

All the racers start at the same time.
 The **snail** moves at 1 meter per 1 minute.
 The **tortoise** moves at 2 meters per 1 minute
 The **rabbit** moves at 3 meters per 1 minute.
 Who wins this ten-meter race?



Race #2

All the racers start at different times.
 The **snail** starts first and moves at 1 meter per 1 minute.
 The **tortoise** moves at 2 meters per 1 minute and begins five minutes after the snail.
 The **rabbit** moves at 3 meters per 1 minute and begins seven minutes after the snail.
 Who wins this ten-meter race?

Race #3

All the racers start at the same time but the tortoise and the rabbit stop to rest along the way.
 The **snail** moves at 1 meter per minute.
 The **tortoise** moves at 2 meters per minute and takes a three minute rest after four minutes.
 The **rabbit** moves at 3 meters per minute and takes a five minute rest after two minutes.
 Who wins this ten-meter race?

