

# COUNTDOWN Challenge

September 13, 2007

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

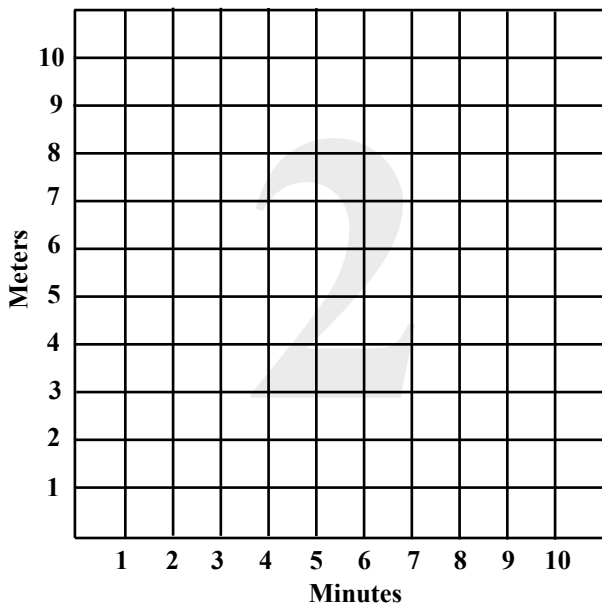
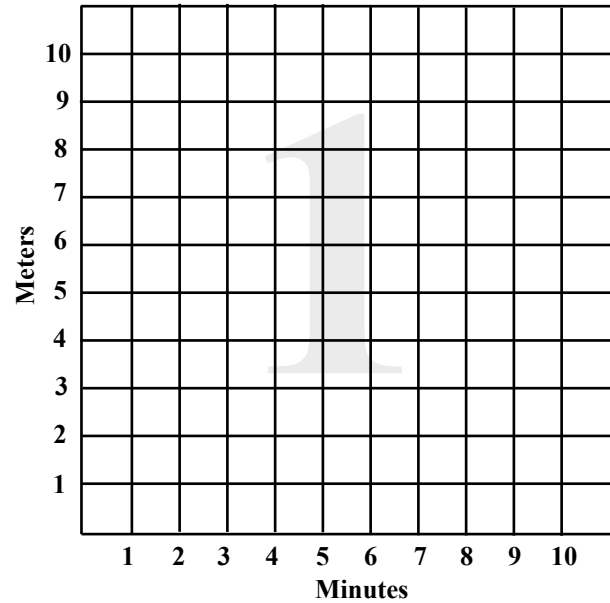
All the racers start at the same time.

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

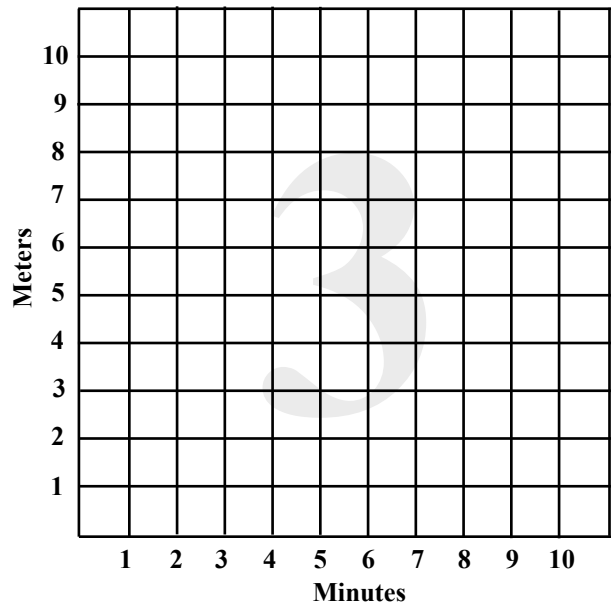
All the racers start at different times.

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?