WINNING DECIMALS WORKSHEET

Curated by

THE COMPLETE TEACHER

Winning decimals

Name _____ Date _____

To qualify for NASCAR's Daytona 500, car racers must achieve an average speed of 171.6 miles per hour. Below are the results of a qualifying race.

Racer	Average Speed (Miles Per Hour)	Racer	Average Speed (Miles Per Hour)
Bobby Labonte	180.342	Tony Stewart	176.901
Ward Burton	173.712	Ricky Rudd	172.124
Dale Jarrett	172.224	Mark Martin	180.348
Dale Earnhardt	181.159	Rusty Wallace	171.599
Sterling Marlin	171.066	Jeff Gordon	173.756

1. Which racers did not qualify?

   _____

   _____

2. Who was faster, Dale Jarrett or Ricky Rudd?

   _____

   _____

3. Who was faster, Ward Burton or Jeff Gordon?

   _____

   _____

4. Assuming the racers maintained these average speeds in the actual race, who would come in first, second, and third place?

   _____

   _____

5. How many thousandths of a mile per hour faster did Rusty Wallace need to drive in order to qualify?

_____
_____

6. Who should come in fourth?

_____
_____

7. Of the qualifiers, who should come in last place?

_____
_____

8. How many tenths of a mile an hour did Ricky Rudd need to increase his speed in order to match Dale Jarrett's speed?

_____
_____

9. How many thousandths of a mile per hour did Bobby Labonte need to increase his speed in order to match Mark Martin's speed?

_____
_____

10. If next year's race officials decide to raise the qualifying speed to 172.2, which speeds above will not qualify?

_____
_____

Extension worksheet

Source:

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