

Name \_\_\_\_\_

Date \_\_\_\_\_

### Decimal Word Problems- Independent Practice Worksheet

1. 200 m hurdle races are measured in hundredths of seconds. They try to run as fast as they can to cover the same distance. Four runners are entered into a competition. Three of the runners have had their turns. Their times were 18.40 s, 18.25 s, 19.01 s. What score must the last runner get in order to win the competition?

2. There is a collection of 8 candy bags. 5 bags have the candy removed from them. Write a decimal that represents the number of bags with candy in them.

3. The length of the javelin throw is measured in hundredths of meters. They try to throw the javelin as far as they can. Four throwers are entered into a competition. Three of the throwers have had their turns. Their distances were 70.95 m, 90.25 m, 83.01 m. What distance must the fourth participant throw the javelin to win?

4. If among 40 classroom students, 16 go to band practice, write a decimal that represents the number of students from the class that **are not** in band?

5. 95 out of 150 students in a school learn to computer program. Write a decimal that represents the number of students **that did not** learn to computer program?

6. A bag of 50 biscuits has 5 removed from it. Write a decimal to represent the number of biscuits still in the bag?

7. Car races are measured in hundredths of seconds. They try to speed as fast as they can to cover the same distance. Seven of them are entered into a competition. Six of the cars have had their turns. The racers times were 1:25:14 minutes, 1:30:20 minutes, 1:26:25 minutes, 1:28:45 minutes, 1:31:05 minutes, 1:29:10 minutes. What time must the last racer get in order to win the competition?



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8. Nelly buys 28 chocolates. 17 of the chocolates have caramel in them. Write a decimal that represents the number of chocolates that do not have any caramel in them.

9. 48 out of 60 hockey players on a team have mastered skating backwards. Write a decimal that represents the players on the team that have not mastered skating backwards.

10. Driving time from New York to New Jersey. They try to speed as fast as they can to cover the distance. Five of them are entered into a competition. Four of the cars have had their turns. Their times were 4:05:10 s, 4:08:05 s, 4:10:47 s, 4:12:30 s. What score must the last driver get in order to win the competition?

