Decimal Word Problems- Guided Lesson Explanation

Explanation#1

He has to run less than 9.84 s. As indicated in the problem, the races are measured in hundredths of seconds. One hundredth quicker would do the trick. The faster you are, the lower the time. Just one hundredth less than 9.84 would be our answer.

So the answer is 9.83 s.

Explanation#2

Reduce 20.35 kg from the actual weight of the bag. The weight of the bag is 100.8 kg. So it would be se tup as:

$$
\begin{array}{r}
\overset{7\ \ 10}{100.\cancel{80}} \\
-\ 20.35 \\
\hline
80.45
\end{array}
$$

So the answer is 80 kg.

Explanation#3

The answer would equal:

the number of students learning football ÷ the total number of students.

Divide the number of students to find the decimal 60/75.

So the answer is 0.8.