Writing expressions with variables

Grade 5 Word Problems Worksheet

1. At a high school soccer league, each team has \( m \) players. There are 20 teams in the league. Write the expression of the total number of players at the league.

2. There are total of 45 playoff games over \( c \) days. Write the expression of the number of playoff games happening each day.

3. There are \( p \) players at a high school soccer team. 5 of them are in grade 10 and rest of them are in grade 11. Write the expression of the number of grade 11 students in the team.
4. There are \( w \) people in the audience for a soccer game. \( \frac{5}{6} \) of the audience are students. Write the expression for the number of students watching the soccer game.

5. A high school soccer team received \( s \) in funding this year. The team also raised \$2,000 in a fundraising event. Write an expression for the total funds that they have.

6. Last Friday, a soccer team had a training for \( v \) hours. The team had 45 minutes of break during the training. Write the expression for the number of minutes the soccer team were trained.
Answers

1. $20m$

2. $\frac{45}{c}$

3. $p - 5$

4. $\frac{5w}{6}$

5. $2000 + x$

6. $60v - 45$