

6th – 8th Grade:

Football Season

1. Jared Goff, quarterback for the Detroit Lions, completed 74.2% of his passes last season. How many passes would you anticipate he complete if he throws 25 passes in one game? Justify your answer.

2. The running back carried the ball for 8 plays during the game. They gained 8 yards, 4.25 yards, 12 yards, 9 yards, 1 yard, 3.5 yards, lost 6.5 yards, and then gained 7.75 yards on his last carry. What is the average number of yards gained for the running back? Justify your answer.

3. Ticket prices vary from stadium to stadium as well as the opponent. Table 1 provides the cost of similar tickets for games for the Dallas Cowboys and the Cincinnati Bengals.

Table 1: Ticket Prices

Teams	Price in 1990	Price in 2025
NY Giants Vs Dallas Cowboys	\$120	\$1093
Jacksonville Jaguars Vs Cincinnati Bengals	\$50	\$448

Vince claims that the ticket prices for the Dallas Cowboys games have had a greater percent increase than the ticket prices for the Bengals. Do you agree or disagree with Vince's claim? Justify your answer.
