



ATTENDANCE & TV VIEWING

Directions: Use your addition, multiplication, and estimation skills to complete the following problems.

1. The El Paso Elephants are hoping to sell about 2 million tickets this season. After 20 games at home, they want to find out if they will meet this goal. They've sold about 25,000 tickets at each game. They have 65 more home games to go, and they expect about the same number of people will come to every game. At the end of the season, will they have sold 2 million tickets?

Answer: Yes!

How many games? $20 + 65 = 85$

$25,000 \times 85 = 2,125,000$

Even if their estimate of 25,000 tickets per game is a bit high, there is still a good chance they'd sell 2 million tickets.

2. The Worldwide Baseball League wants to know how many people are watching their games on TV. There are 12 games tonight, and about 1.5 million fans tune in for each game aired. How many people in total are watching baseball?

$12 \times 1,500,000 = 18,000,000$ or 18 million





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Later in the season, the league found more specific numbers for their viewership. Use the information below to find out how many people are watching each game.

1. For 12 different games, about 1.3 million fans watched each one. How many watched in total?

$$12 \times 1,300,000 = 15,600,000$$

2. For 5 of the games, about 1.2 million fans watched each one. How many watched in total?

$$5 \times 1,200,000 = 6,000,000$$

3. For 2 of the games, about 1.9 million fans watched each one. How many watched in total?

$$2 \times 1,900,000 = 3,800,000$$

4. About 2 million fans total have watched all of the El Paso Elephants' games so far this season. About 1.2 million fans have watched all of the Nacogdoches Warriors' games so far. All together, the Elephants and the Warriors have played a total of 20 games. On average, how many people have watched each game?

$$2,000,000 + 1,200,000 = 3,200,000$$

$$3,200,000 \div 20 = 160,000$$

