

Practice

Use a calculator when you need to.

1. The ticket agent sold 357 adult tickets and 662 student tickets for a concert. How much money did the ticket agent take in? Explain how you know your answer is reasonable.

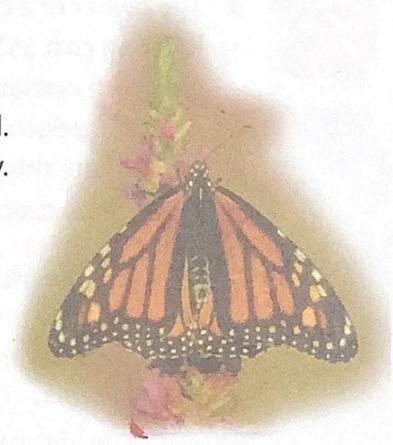


2. The table shows the populations of the western provinces and territories in 2006.
- Find the total population of the 4 western provinces.
 - How many more people live in Saskatchewan than in Nunavut?
 - Make up your own problem about these data. Solve it.

| Provinces and Territories | Population |
|---------------------------|------------|
| British Columbia | 4 113 487 |
| Alberta | 3 290 350 |
| Saskatchewan | 968 157 |
| Manitoba | 1 148 401 |
| Yukon Territory | 30 372 |
| Northwest Territories | 41 464 |
| Nunavut | 29 474 |

3. The total population of Canada was 30 007 094 in 2001 and 31 612 897 in 2006. By how much did the population increase from 2001 to 2006?

4. Monarch butterflies migrate from Canada to Mexico every fall. It is estimated that the butterfly travels about 82 km each day. Suppose the butterfly travels from Edmonton to El Rosario. This is a distance of about 3936 km. How many days does it take? How did you decide which operation to use?



5. The Fairview High School community of 1854 students and 58 teachers attended a special performance of a play at a local theatre. The theatre has 49 rows, with 48 seats in each row.
- Were any seats empty? How do you know?
 - If your answer to part a is yes, find the number of empty seats.

6. This table shows the number of participants at the 2002 and 2006 North American Indigenous Games.

| Year | Athletes | Coaches, Managers, and Chaperones |
|-----------------|----------|-----------------------------------|
| 2002 (Winnipeg) | 6136 | 1233 |
| 2006 (Denver) | 7415 | 1360 |

- What was the total number of participants in 2002?
- How many more athletes participated in 2006 than in 2002?
- About how many times as many athletes participated in 2002 as coaches, managers, and chaperones? How did you decide which operation to use each time?



Opening Ceremonies, 2002 North American Indigenous Games, Winnipeg