

Write the following in standard form

a) Sixty-three billion three hundred four million three thousand fifty-six

6 3 3 0 4 0 0 3 0 5 6

b) ~~70 000 000 000 + 6 000 000 000 + 50 000 000 + 4 000 000 + 20 000~~
~~+ 4~~

7 6 0 5 4 0 2 0 0 0 4

2) Write in written and expanded form

403 007 600
mill tho unit

→ **Four hundred three million Seven thousand six hundred**

→ **400 000 000 + 3 000 000 + 7 000 + 600**

3) Show work for 100 000 less than 1 625 789

$$\begin{array}{r} - 100000 \\ \hline 1525789 \end{array}$$

4) Look at the list of integers : -9, -12, +4, +7, 0, -7, +1

a) List the integers that are less than 0

-7, -9, -12

Homework Solutions

Page 52-54

1) Estimate ↓
 Adult → $30 \times 350 \approx 10500$
 Student → $25 \times 700 \approx 17500$

$$\begin{array}{r} \text{Total} \\ 10500 \\ + 17500 \\ \hline \$28000 \end{array} \quad \approx$$

1) Actual
 Adult → 28
 Student → 24

$$\begin{array}{r} 357 \text{ Adults} \\ \times 28 \\ \hline 2856 \\ + 7140 \\ \hline 9996 \end{array} \quad \left. \begin{array}{r} 662 \text{ Kids} \\ \times 24 \\ \hline 2648 \\ + 13240 \\ \hline 15888 \end{array} \right\}$$

Total Adult Sales Total Student Sales

$$\begin{aligned} \text{Total Money} &= \text{Adult} + \text{Student} \\ &= \$9996 + \$15888 \\ &= \$25884 \end{aligned}$$

The ticket agent took in \$25 884.

2a) 4 western Provinces

Bc, Al, Sask, Man

$$\begin{array}{r} 4713487 \\ 3290350 \\ 968157 \\ + 1148401 \\ \hline 9520395 \end{array}$$

(or use calculator)

The total of the 4 western populations
is 9 520 395 people.

2b) Sask - Nun

$$\begin{array}{r} 968757 \\ - 29474 \\ \hline 938683 \end{array}$$

Saskatchewan has 938 683 more people
than Nunavut

$$\begin{array}{r} 31692897 \\ - 30007094 \\ \hline 1605803 \end{array}$$

The population increased
by 1 605 803
from 2001 to 2006

4) 82 km per day

Total distance ⇒ 3936 km

$$3936 \div 28 \text{ km} = 140.57$$

≈ 141 days
for Butterfly

Quiz Time (Put books away)

Class / Homework

52
Page 53, 54

(Did not do #1, & 2 must do now)

#3, 4, 5, 6,

Use calculators but show work

Attachments

[Integer questions for practice Solutions.notebook](#)