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# Calendar Time

What do you know from looking at these calendar pages?

FEBRUARY 2004						
S	M	T	W	T	F	S
1	2 Groundhog Day	3	4	5	6	7
8	9	10	11	12 Math Test	13	14 ♥
15	16	17 Dentist 10:00	18	19	20	21
22	23	24	25 Ben's Birthday	26	27	28
29						

FEBRUARY 2005						
S	M	T	W	T	F	S
		1	2 Groundhog Day	3	4	5
6	7	8	9 Library	10	11	12
13	14 ♥	15	16	17	18	19
20	21	22	23	24	25 Ben's Birthday	26
27	28					

## Explore



- Talk to 5 classmates. Find out the month, day of the month, and year each classmate was born. Record your results in a table.
- Write your own date of birth in the table. Write the dates of birth of some of your family members.
- Order your list of people from oldest to youngest.

Name	Month	Day	Year
Sindar	Nov.	19th	
Jacob			
Dallas			
Moina			
Saffa			

## Show and Share

Share your list of birth dates with another pair of classmates. Talk about how you recorded the dates. Explain the strategy you used to order your list of people from oldest to youngest.

# Connect

➤ The circled date is October 24th, 2006.

**October 2006**

S	M	T	W	T	F	S
1	2	3	4	5	6	7
8	9	10	11	12	13	14
15	16	17	18	19	20	21
22	23	24	25	26	27	28
29	30	31				

We can write this date in metric notation:

We start with the greatest unit of time – the year, and go to the least unit of time – the day.

2006          10          24

↑                  ↑                  ↑

Year          Month          Day

October is the 10th month.

➤ When we write the date in metric notation, we use 2 digits for the month and 2 digits for the day.

The circled date is April 8th, 1999.  
In metric notation, we write:

**April 1999**

S	M	T	W	T	F	S
				1	2	3
4	5	6	7	8	9	10
11	12	13	14	15	16	17
18	19	20	21	22	23	24
25	26	27	28	29	30	

We put a zero in the tens place for numbers from 1 to 9.

1999          04          08

↑                  ↑                  ↑

Year   4th month   8th day of  
         (April)     the month

➤ Some people also use 2 digits for the year.  
Then, April 8th, 1999 could be written: 99 04 08

➤ Other ways to write dates are month, day, year and day, month, year.  
This means that a date written as 05 04 01 could be interpreted two ways:

05          04          01          or          05          04          01

↑                  ↑                  ↑                          ↑                  ↑                  ↑

5th month   4th day   Year                          5th day   4th month   Year

May 4th, 2001    5 April, 2001

or May 4, 2001

## Practice

- Write each date in metric notation.
  - December 14th, 2002
  - April 25, 2110
  - May 5, 1941
  - October 1st, 2000
  - September 8, 2005
  - June 25, 1927

- Write each date using words and numbers.
  - 2008 11 04
  - 2025 03 09
  - 1846 08 13
  - 2007 10 19
  - 2006 05 28
  - 2000 01 01

- Use metric notation to record each circled date on the calendar at the right.

September 2007						
S	M	T	W	T	F	S
		4	5	6	7	8
2	3	11	12	13	14	15
9	10	18	19	20	21	22
16	17	25	26	27	28	29
23	24					
30						

- Write each date in metric notation.
  - the first day of next month
  - the last day of this month
  - the date of your 15th birthday
  - the last day of this year
  - 5 months before October 31st of this year
  - 2 months after today

- Joe wrote his birth date as 02 08 94.

Jane was confused.

Did Joe mean February 8, 1994 or August 2, 1994?

Joe said, "I was born in the winter."

Write Joe's birth date in metric notation.

- Read each statement.

Re-write the date in metric notation.

- Nunavut entered confederation on April 1st, 1999.



- b) The American spacecraft *Apollo 11* landed on the moon on July 20th, 1969.
- c) Sir John A. MacDonald was the first Prime Minister of Canada.  
He was born on January 11th, 1815.
- d) The first Oreo cookie was sold on March 6th, 1912.
- e) The rings of Uranus were discovered on March 10th, 1977.
- f) The first toy ever advertised on TV was Mr. Potato Head, on April 30th, 1952.
- g) Chewing gum was patented on December 28th, 1869.

7. Match each date to the correct calendar page below.

- a) 2007 07 08      b) 2007 06 17      c) 2007 08 07

JUNE 2007						
S	M	T	W	T	F	S
					1	2
3	4	5	6	7	8	9
10	11	12	13	14	15	16
17	18	19	20	21	22	23
24	25	26	27	28	29	30

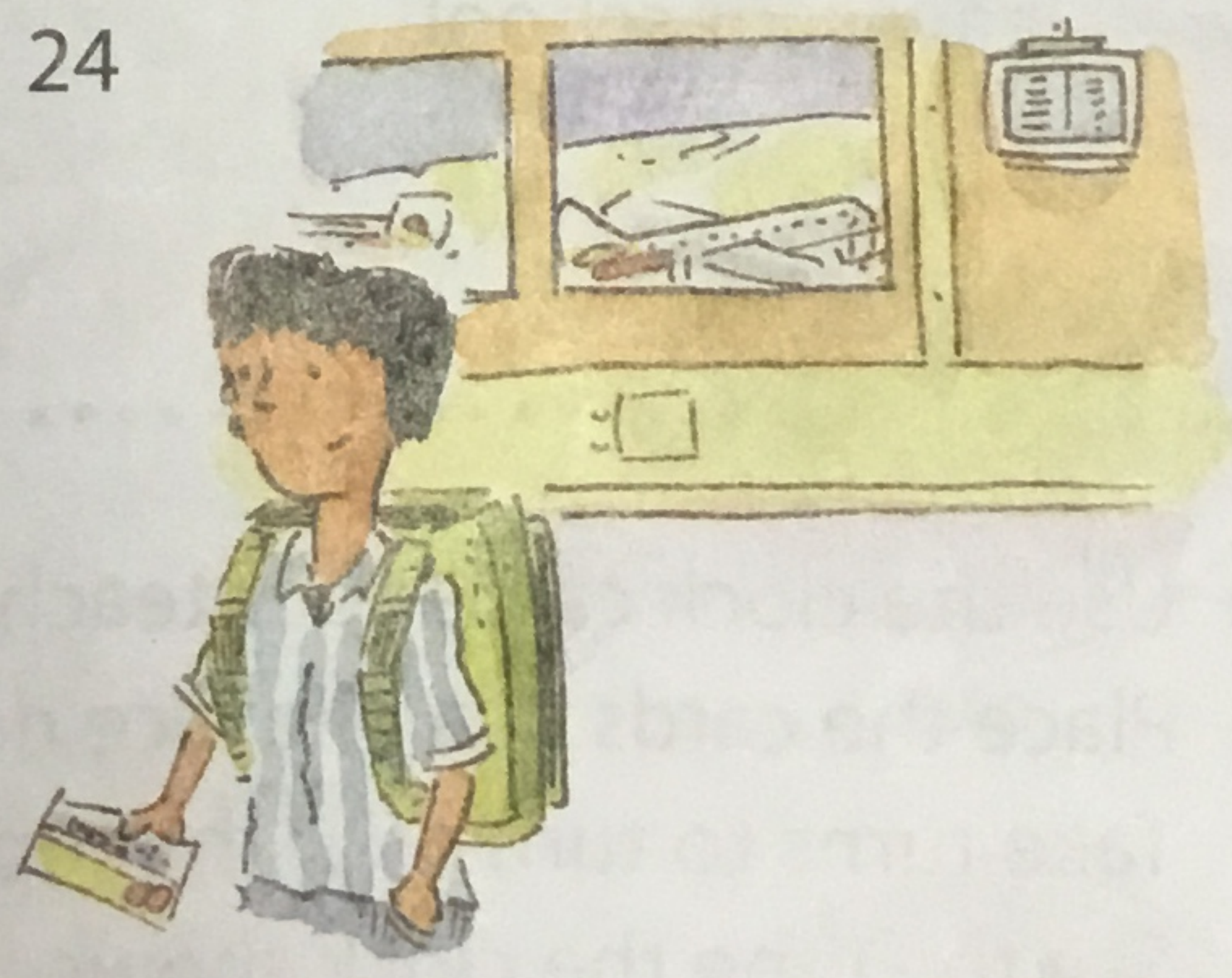
JULY 2007						
S	M	T	W	T	F	S
1	2	3	4	5	6	7
8	9	10	11	12	13	14
15	16	17	18	19	20	21
22	23	24	25	26	27	28
29	30	31				

AUGUST 2007						
S	M	T	W	T	F	S
			1	2	3	4
5	6	7	8	9	10	11
12	13	14	15	16	17	18
19	20	21	22	23	24	25
26	27	28	29	30	31	

8. Use the calendar pages above.  
Write each date using words and numbers.

- a) 19 08 2007      b) 27 06 2007      c) 11 07 2007

9. Dennis left for Yellowknife on 2006 07 24 and returned on 2006 08 05.  
How long was Dennis away?  
Show your work.



**Reflect**

Use metric notation to write a date that is important to you.  
Tell why it is important.