Problem solving
Data handling

Look at the graph below and answer the questions which follow.
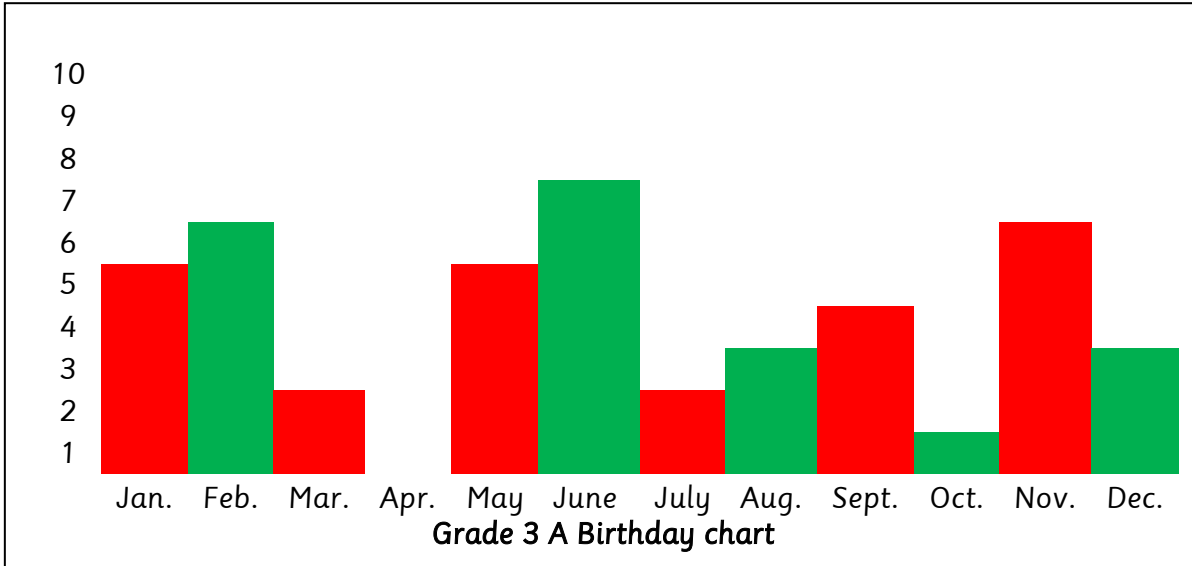
Grade 3 A Birthday chart

1. How many learners are there in Grade 3 A? Show your working out below.
    _____
    _____
    _____

2. How many months are there in the year? _____

3. How many months are there with more than 3 birthdays? _____
    _____

4. Compare the amount of birthdays in the first six months of the year to the amount of birthdays in the last six months of the year. _____
    _____
    _____

5. Is Grade 3 A a younger or an older class? Give a reason for your answer.
    _____
    _____

6. What is the range? (A range is the difference between the highest number and the lowest number) _____

7. How many birthdays are there in June? _____

_____

8. How many more birthdays are there in January than in October? _____

_____

9. Indicate your birthday with a star above the correct month and write your date of birth on the line provided below. _____

_____

10. Which month has the most birthdays? _____

11. Which month has the least birthdays? _____

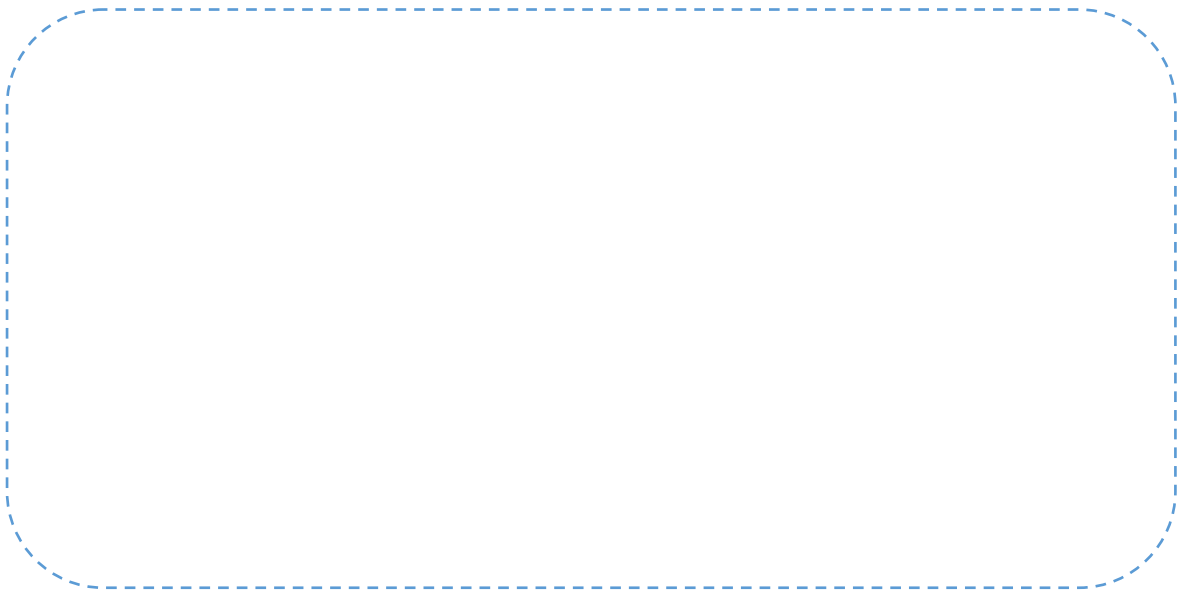12. Arrange the months in ascending order (from least to most) in terms of birthdays.

_____

_____

_____

_____

13. Ask your mother if she can help you to draw a graph of your family's birthdays. Remember to include all your aunts, uncles, cousins, grandparents, nephews and nieces and draw a graph to show the number of birthdays per month.
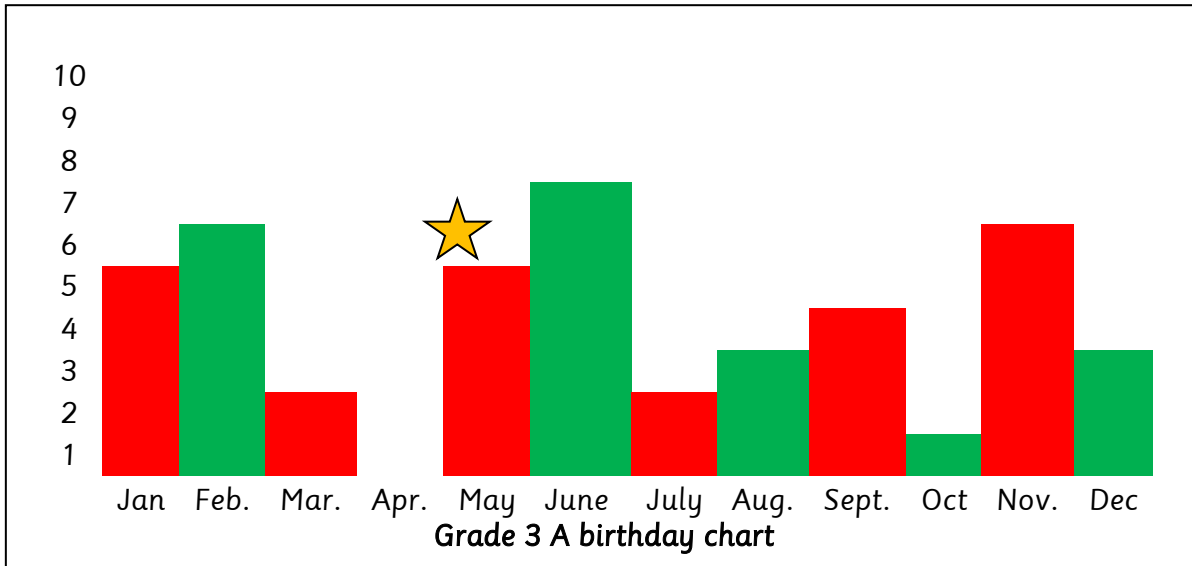
Problem solving
Data handling (Memo)

Look at the graph below and answer the questions which follow.

Grade 3 A birthday chart

1. How many learners are there in Grade 3 A? Show your working out below.

   5 + 6 + 2 + 0 + 5 + 7 + 2 + 3 + 4 + 1 + 6 + 3 =
   = 44
   There are 44 learners in Grade 3 A.

2. How many months are there in the year? There are 12 months in the year.

3. How many months are there with more than 3 birthdays? There are 6 months with more than 3 birthdays.

4. Compare the amount of birthdays in the first six months of the year to the amount of birthdays in the last six months of the year. The first six months (January - June) have 25 birthdays, while the last six months (July – December) have 19 birthdays.

5. Is Grade 3 A a young or an older class? State a reason for your answer. Grade 3 A is an older class because the majority of the birthdays take place in the first half of the year.

6. What is the range? (A range is the difference between the highest number and the lowest number) The highest number is 7 and the lowest number is 0, thus 7 – 0 = 7. The range is 7.

7. How many birthdays are there in June? There are 7 birthdays in June.

8.   How many birthdays are there in January more than in October? January has 5 birthdays, while October has 1 birthday. Thus, January has 4 birthdays more than October.

9.   Indicate your birthday with a star above the correct month and write your date of birth on the line provided below. Example: 1995 – 05 – 30 (30 May 1995)

10.   Which month has the most birthdays? June

11.   Which month has the least birthdays? October

12.   Arrange the months in ascending order in terms of birthdays.

   April, October, March, July, August, December, September, January, May, February, November, June.

13.   Own work