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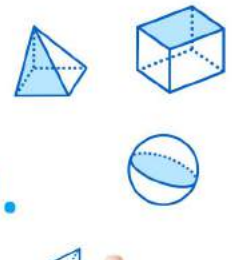

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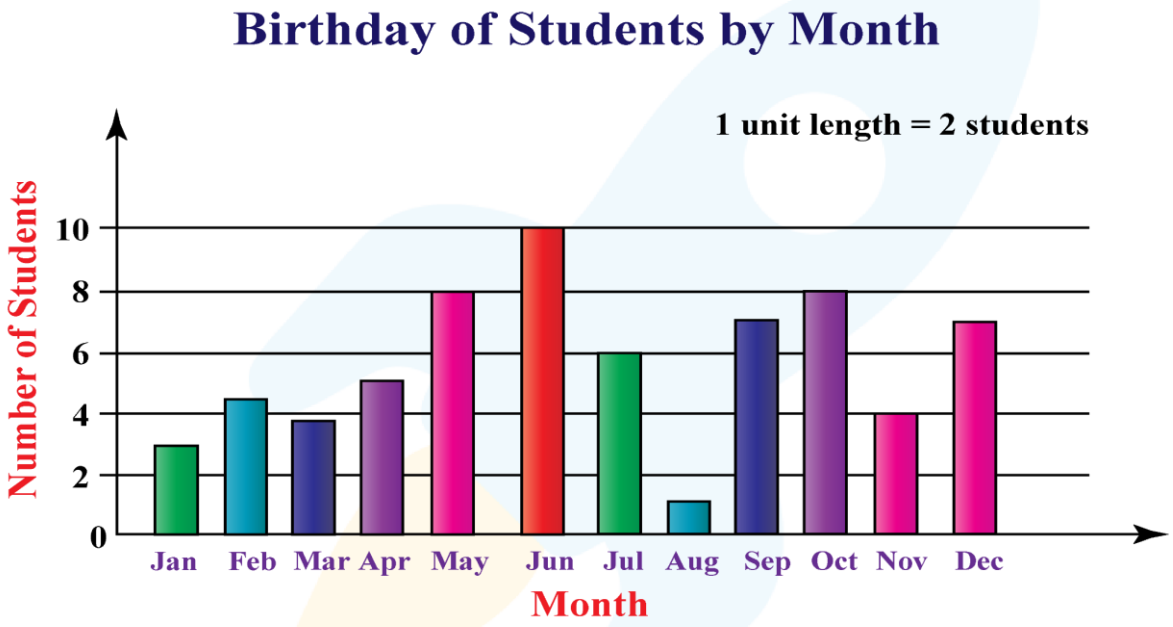
Bar Graph Worksheets Grade 7

Observe this bar graph which is showing the birthday of students from a survey of the classroom. Answer the following questions.



1. Which month has the highest birthdays?
2. Which month has the least birthdays?
3. How many students have birthdays in July?
4. Which months have birthdays of exactly 8 students each?
5. State true or false. September has more birthdays than December has.
6. State true or false. May has 8 birthdays.

The sales of English and Science books in the years 2008, 2009, 2010, 2011 and 2012 are given below in the table:

7. Represent the data on a bar graph.

Years	2015	2016	2017	2018	2019
English	30	35	20	25	40
Science	20	40	25	35	20

8. Find the ratio of sale of English to Science books in the year 2017

9. When was the highest number of units sold for each subject?

10. What is the difference in the number of sales of English and Science books in the year 2018?

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- Gary Schwartz

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- Kirk Riley

"I appreciate the effort that miss Nitya puts in to help my daughter understand the best methods and to explain why she got a problem incorrect. She is extremely patient and generous with Miranda."

- Barbara Cabrera

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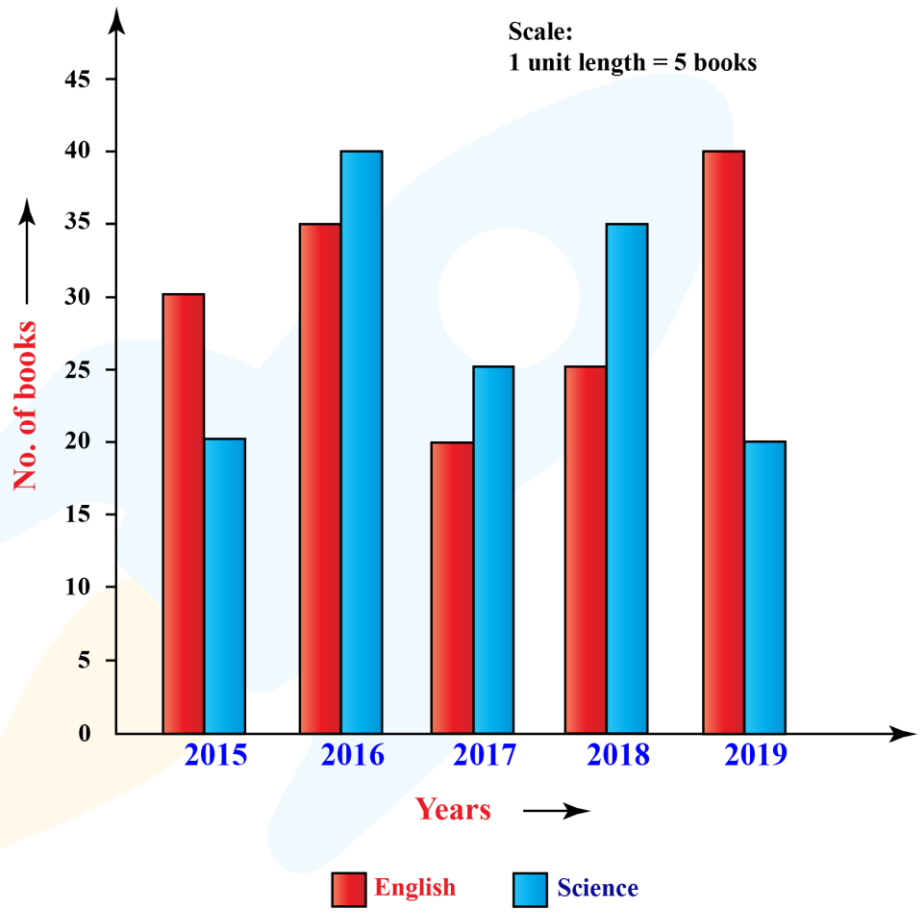
ANSWERS

1.	June	6.	True
2.	August	7.	
3.	6	8.	4:5
4.	May and October	9.	English-2019 Science-2016
5.	False	10.	Difference of 10 books

FUN FACT

1. If a is the first term of an AP, d is the common difference, n refers to the number of terms, then a_n refers to the general term of the arithmetic sequence given as: $a_n = a + (n-1)d$

2. If we have the first term a, the last term a_n, the number of terms n, then we can find the sum to n terms by the following equation: $S_n = \frac{n}{2}\{a + a_n\}$