Grade 4 Science – Sample Questions

1. We started with two identical candles. Candle B was lit and burned for an hour. After the hour, the candles were measured, as shown in the diagram below.

Candle A Candle B

How tall will candle A be after burning for a total of 1 ½ hours?

1. 3 cm
2. 1 cm
3. 5 cm
4. 2 cm
5. A grade 4 class did a survey of eye color for all of their grade 4 students at their school. Their data is listed below:

|  |  |  |  |
| --- | --- | --- | --- |
|  | Blue | Brown | Green |
| Mr. Leblanc Class | 9 | 7 | 1 |
| Mrs. Hatter Class | 2 | 10 | 4 |

What does the chart above say about eye color at this school?

1. Green is the least common eye color in both grade 4 classes.
2. Blue eyes are more common in boys than in girls in the fourth grade.
3. Brown is the most common eye color in each grade 4 class.
4. Brown is the most common eye color of grade 4 students.
5. The following graph shows the lifespan of different animals. A class has decided to get 3 rabbits as class pets.

Average life span

Rabbit

Dog

Horse

Hippopotamus

Elephant

How long are the 3 rabbits expected to live?

1. 24 years
2. 16 years
3. 8 years
4. 3 years
5. Students were asked to measure the length of 5 different objects in their classroom. The results are found the table below.

|  |  |
| --- | --- |
| **Object** | **Length (cm)** |
| table | 130 cm |
| desk | 54 cm |
| book | 32 cm |
| shelf | 64 cm |
| SMART board | 140 cm |

1. Based on the results, construct a bar graph.



1. Write a statement that describes the difference between the length of a book and the length of the shelf.