

Student Name: _____

Please write your name on *every* page.

2 Section B

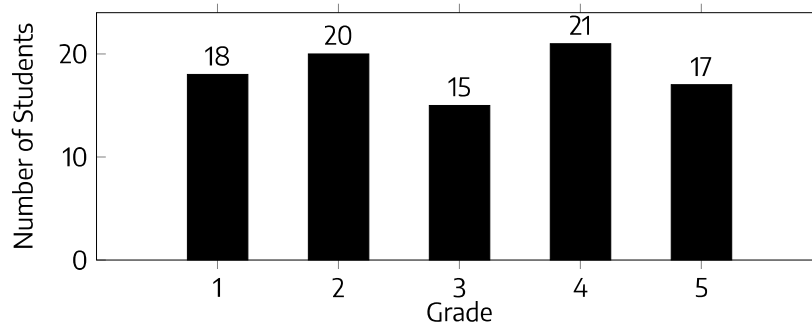
B1

How many zeroes does the number one million have?

Answer to B1: _____

B2

In an elementary school, the students are in grades 1 through 5. The teachers counted the students in each grade and made a graph:



A students in grades 1, 2, or 3 is a junior, while a student in grades 4 or 5 is a senior. How many more junior students are there than senior students?

Answer to B2: _____

B3

Four friends have 4, 8, 12, and 16 jelly beans respectively. If each of them gives half of their jelly beans to a fifth friend, how many jelly beans will that fifth friend have?

Answer to B3: _____

B4

The number 8 is multiplied by a number between 1 and 10, and the product ends in 6. Write the two possible numbers that could have made this happen.

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Answer to B4: _____

B5

Three triangles and four squares together have the same number of sides as how many pentagons?

Answer to B5: _____

B6

A box of cookies weights 500 grams. The nutrition facts on the side of the box say that 4 cookies weigh 20 grams. If the box does not weigh anything, how many cookies are in the box?

Answer to B6: _____

B7

A class lines up from shortest to tallest for picture day. One student notices that he is both the 8th shortest person and 13th tallest person in his class. How many students are in the class?

Answer to B7: _____

B8

In a store aisle, there are three ladders for an employee to choose from. Each ladder has steps with 25 cm of space between them (so that the first step is 25 cm above the ground). Ladder A has 3 steps, Ladder B has 6 steps, and Ladder C has 9 steps. The employee wants to climb until she is standing on the top step of the ladder, and then reach for a shelf that is 2.8 m above the ground. Her shoulders are 135 cm above the ground while she is standing on the ground. If she wants her hands to be as close in height to her shoulders as possible while reaching for the shelf, which ladder should she use?

Answer to B8: _____