

Student Name: _____

Please write your name on *every* page.

1 Section A

A1

What is the sum of the digits of the number 2025?

Answer to A1: _____

A2

What is $1 \times 2 + 2 \times 3 + 3 \times 4 + 4 \times 5$?

Answer to A2: _____

A3

A deck of cards has four suits, and each suit has three face cards. You and your friend each take half of the cards in the deck, and you find that you have 5 face cards. How many face cards does your friend have?

Answer to A3: _____

A4

A herd of camels is crossing the desert. Some are dromedary camels, which have one hump, and some are bactrian camels, which have two humps. If there are 7 dromedary camels and 4 bactrian camels, how many humps are in the herd?

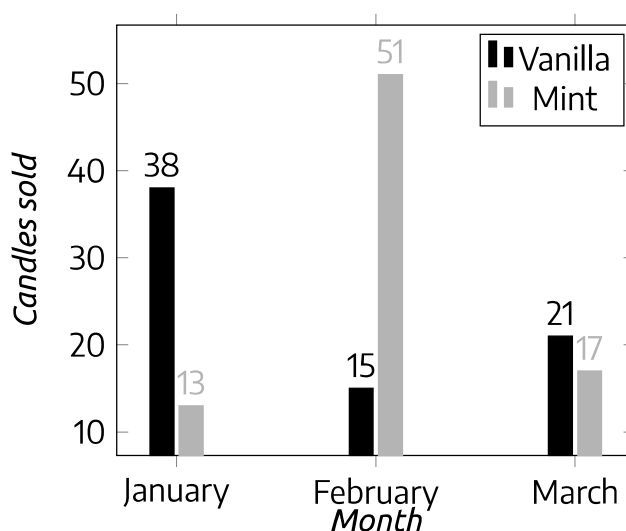
Answer to A4: _____

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A5

A store sells two types of candles: vanilla and mint. The graph below represents their sales for the first quarter of 2025. How many more mint candles did they sell in these three months than vanilla candles?



Answer to A5: _____

A6

In the year 2025, Bryce is 9 years old. In what year will he be double his current age?

Answer to A6: _____

A7

A store is stocking a wildly popular new type of juice. On the first day the store has 1000 cans of the juice. Each day afterwards, they double the previous number of cans that they stock to meet the increasing demand from customers. How many cans do they stock on the seventh day?

Answer to A7: _____

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A8

January 1st, 2025 was a Wednesday. If there are 365 days in each year and 7 days in each week, what is the first year after 2025 for which January 1st falls on a Friday?

Answer to A8: _____