International SoM Contest 2026 Grade One Solutions

1) **D** Regroup the numbers to make the calculation easier.
$5 + 2 + 5 + 3 = 5 + 5 + 2 + 3$
$= 10 + 5$
$= 15$

2) **B** The month before July is June.

3) **B** The number 7326 has a 3 in the hundreds place.
$7326 = 7000 + 300 + 20 + 6$

4) **A** A pentagon has five sides. The only shape with five sides shown is option A. Option B is a circle. Option C is a rectangle. Option D is a hexagon.

5) **B** My sister is $10 - 4 = 6$ years old.

6) **A** Ana was the fastest runner, so she finished first. Alex was not the slowest, so he must have finished second. Therefore, Akshara finished in third place.

7) **D** Each new term of the pattern is created by doubling the previous number. Therefore, the next term is $8 + 8 = 16$.

8) **D** Ms. Tsang can correct three assignments a day and there are seven days in a week. Therefore, she can correct $3 \times 7 = 21$ assignments in a week.

9) **C** The snowfall recorded on January 6th and 11th was 3 cm. On January 7th, 8th, and 12th it was 4 cm, and on January 9th it was 2 cm. On January 10th the snowfall recorded was 1 cm. So, it snowed the least on the 10th of January.

10) **B** Rephrase the sentence: All of the six cookies have chocolate chips, except two. Therefore, four cookies contain chocolate chips.

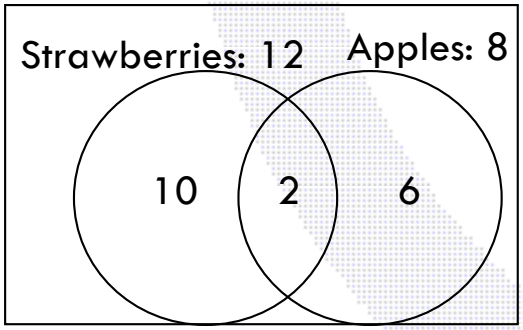
11) **B** The one which is not a squirrel is a bird, so the other one is a squirrel.

12) **B** The exponent of 3 on the 5 means that the number 5 is multiplied by itself three times. Therefore, 5^3 is the same as $5 \times 5 \times 5$.

13) **C** One half of 400 is 200 and one half of 200 is 100.

14) **B** There are 18 students in total. However, when you add the 12 people who like strawberries with the 8 people who like apples, the sum is $8 + 12 = 20$.

Total: 18

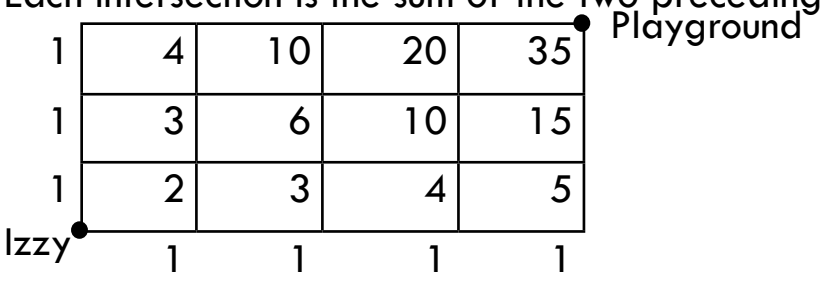


Therefore, $20 - 18 = 2$ students were counted twice, so two students like both strawberries and apples.

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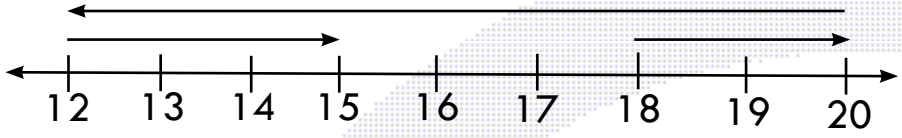
15) **D** Count the paths to each intersection going North (up) and East (right). Each intersection is the sum of the two preceding intersections.



Therefore, Izzy can take 35 different pathways to the playground.

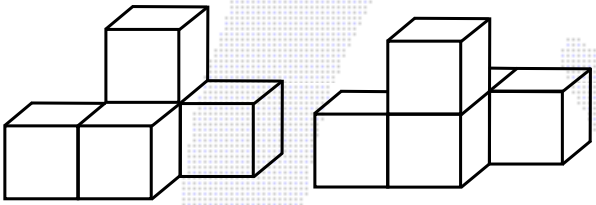
16) **B** Between all three friends there are a total of 12 + 8 + 10 = 30 candies. 30 candies divided by three friends is 30 ÷ 3 = 10 candies each.

17) **A** Work backwards from March 18th. Two days after March 18th is March 20th. Eight days before March 20th is March 12th. Three days after March 12th is March 15th. This can also be shown on a number line:



18) **C** If Buddy the dog is celebrating with five other dogs, there are six dogs that will share the hot dog. If each dog gets two pieces, then 6 × 2 = 12 pieces are needed. To get 12 pieces of hot dog, Buddy needs to make 11 parallel cuts.

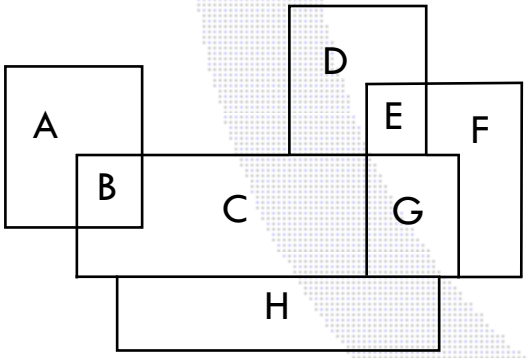
19) **C**



Front view Back view

The back view reveals that there is a block underneath the top block in the front view. Therefore, there are five blocks in total.

20) **C** Label each region of the diagram and use a chart to help you count:



# of Letters	Name of Rectangle	# of Rectangles
1	B, E, G, H	4
2	AB, BC, DE	3
3	BCG, EGF	2
	Total:	9

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