Strauss Preparatory School
Summer Term 2020 Academic Session Mid-Term Assessment
Year 5
Math

Instruction: Click on the correct option that answers each question.

1. Elin has N45.60. She buys a jumper priced N19.45 and a woolly hat priced at N7.83. How much money has she got left?

   Option 1 : N18.32   **Option 2 : N18.23**

   Option 3 : N81.32   **Option 4 : N81.23**

2. Aaron bought an 1800-piece jigsaw. He put 238 pieces together on Monday and 326 pieces on Tuesday. On Wednesday, he pieced together half of the remaining pieces. How many pieces of jigsaw did he put together on Wednesday?

   Option 1 : 345 pieces   **Option 2 : 618 pieces**

   Option 3 : 886 pieces   **Option 4 : 1,236 pieces**

3. A skipping rope measures 3,948m long. What is the total length of seven skipping ropes?

   Option 1 : 3,955m   **Option 2 : 39,487m**

   Option 3 : 44, 321m   **Option 4 : 27,636m**

4. Last year, 93 people each raised N5,496 for charity, how much money was raised in total?

   Option 1 : N511,128   **Option 2 : N432,567**

   Option 3 : N623,501   **Option 4 : N444,414**

5. Amouk has been saving his money. He has N582. His mum gives him a further N429. He wants to buy some concert tickets for himself and his friends. They cost N50 each. How many tickets can he buy?
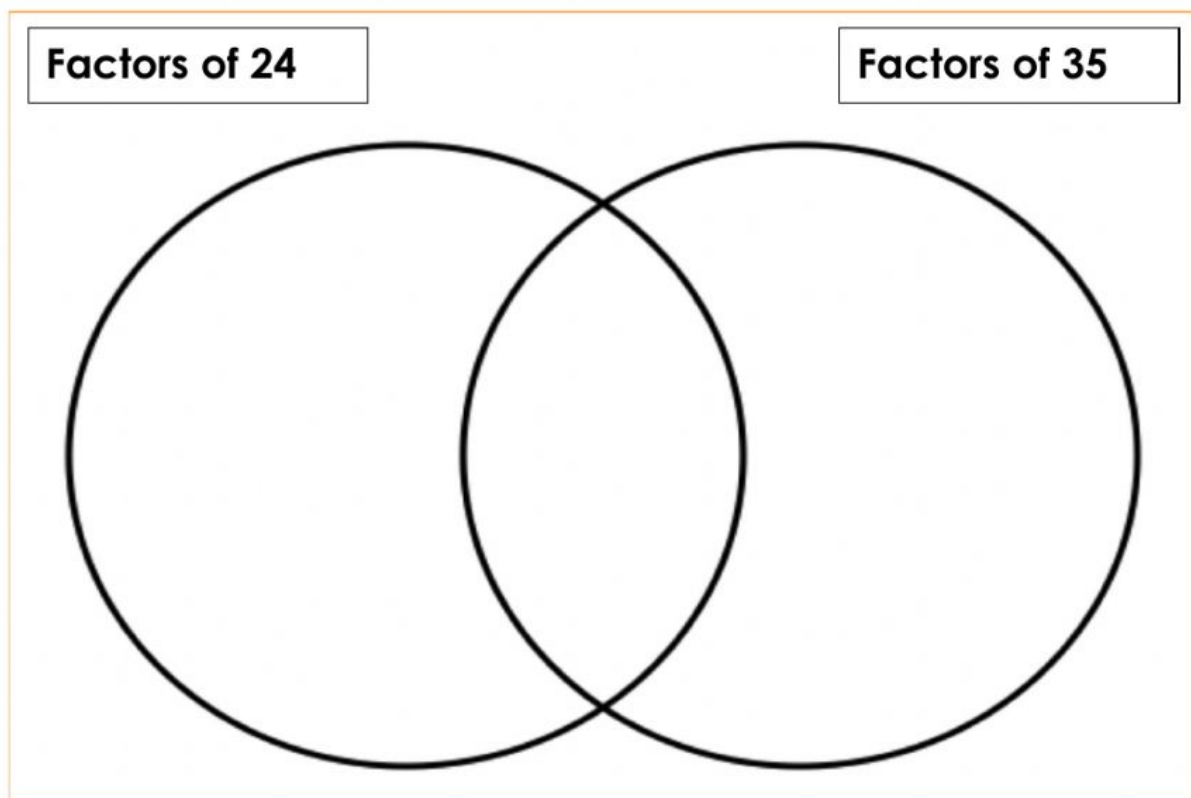
Option 1 : 21 tickets   **Option 2 : 22 tickets**

Option 3 : 23 tickets   **Option 4 : 24 tickets**

6. Place numbers 1 – 35 correctly onto the Venn diagram.

Factors of 24   **Factors of 35**

7. Write three prime numbers that add together to make 87.

Choose the correct answer from the drop down options.

8. Use the order of operations to complete the following calculations.

   a. $(483 \times 54) \div 100 =$ _____

   b. $14 - 12^2 - 81 =$ _____

   c. $684.67 + 385.75 \times 3 =$ _____

9. In the morning, Dimeji read $\frac{2}{7}$ of the pages in his magazine. In the evening, he read another $\frac{13}{28}$ of the pages in his magazine.

   a. What fraction of the pages in his magazine did Dimeji read altogether?

   b. Write this fraction as a decimal.

10. The school gardening club plant $\frac{4}{18}$ of a packet of seeds on Monday. On Wednesday, they plant another $\frac{1}{3}$ of a packet of seeds.

    a. What fraction of a packet of seeds do they plant together?

    b. Write this fraction as a decimal.

11. $23\frac{3}{7} \times 4 =$

12.　　$12\frac{1}{2} \times 5 =$

13.　　$16\frac{3}{4} \div 4$

14.　　Calculate the percentages.
　　　　a. 5% of 80

　　　　b. 65% of 600

　　　　c. 14% of 67

15.　　At an after school homework club, there are 14 Key Stage One children. This is 20% of the total number of children who attend the club. How many children attend the club in total?

16.　　At a school, there are 90 girls. This is 45% of all children who attend the school. How many boys attend the school?

17.　　A group of children were asked what their favourite sport was. These are the results:

	Football	Basketball	Golf	Tennis
%	44%	32%	16%	
Number				16

a. What percentage of the children liked tennis?

b. How many children liked football?

18. In a pack of balloons, there are 3 different colours: red, blue and green. The ratio is 5:2:1 (red, blue: green). If there are 8 blue balloons in the pack, how many balloons are there in total?

19. At a party, there are three sorts of drinks; orange, lemonade and cherry. The ratio of the drinks (orange: lemonade: cherry). If there are 12 glasses of orange, how many glasses of drink are there altogether?