18. In Mrs. Chin's class, $\frac{1}{3}$ of the students drank juice, $\frac{1}{4}$ of the remainder drank water and the others drank soft drink.

(i) What fraction of the class drank water? [1]

Answer _____

(ii) If there are 48 students in Mrs Chin's class, how many students drank soft drinks? [2]

Answer _____

19. Mia received some pocket money. She spent $\frac{3}{5}$ of it on food and $\frac{3}{10}$ of the remaining amount on stationery. She saved the rest of the money.
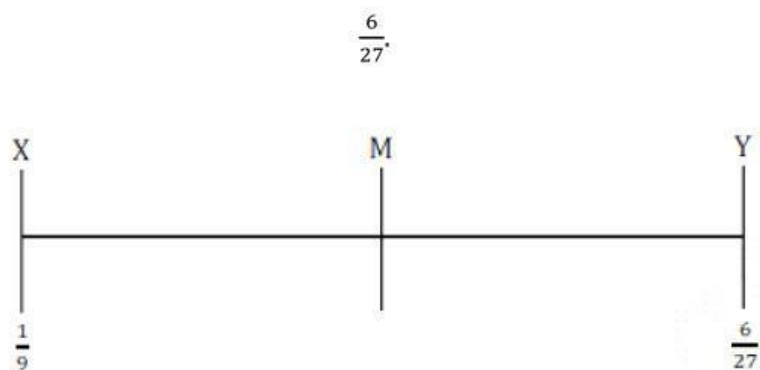
   (i)   What fraction of her pocket money did Mia spend on stationery?   [1]

   Answer _____

   (ii)   If Mia saved $28.00, how much pocket money did she receive?   [2]

   Answer _____

20. The diagram below shoes a number line. Point X equals $\frac{1}{9}$ and point Y equals $\frac{6}{27}$.

What fraction does the point M represents if its midway between points X and Y?

[3]

Answer _____

21. In a school, $\frac{4}{7}$ of the total number of pupils are boys. There are 261 girls in the school.

(a) What fraction of the total number of pupils are girls? [1]

Answer_____

(b) Calculate the total number of pupils in the school. [2]

Answer_____ pupils

22. At the Student Hub's talent show, 25% of the participants performed an interpretive dance, $\frac{1}{6}$ of the participants sang, 0.35 of the participants acted out a skit, and the remaining 14 participants performed a magic act.

How many participants were there in total?   [3]

Answer_____ participants

23. Chloe decided to make bookmarks for her friends. How many bookmarks,

each of length 25 cm, can she make using a $4\frac{7}{10}$ metre sheet of Bristol board?

[2]

Answer_____ bookmarks

24. Rasheed's body mass was 120 kg. He went on a diet and lost $\frac{1}{6}$ of his body mass during the fist month and $\frac{1}{10}$ of the **remaining** mass during the second month.

(a) What fraction of his **original mass** did Rasheed lose during the **second** month? [1]

Answer_____

(b) What fraction of his original body mass did Rasheed lose **altogether**?   [1]

Answer_____

(c) What is Rasheed's present body mass?   [1]

Answer_____ kg

25. A restaurant allocates $\frac{1}{4}$ of its menu offerings to vegetarian dishes and $\frac{3}{10}$ of its

options to seafood.

(a) What fraction of the menu is spent on vegetarian dishes and seafood altogether?

[1]

Answer_____

(b) The remaining items on the menu is allocated to drinks.

What percentage of the menu is allocated to drinks? [2]

Answer_____ %

(c) Lizzie complained to the manager that they allocated more of the menu towards

drinks than seafood. Is she correct? Use calculation to support your answer.   [2]

Answer_____

26. Sarah decided to sell 30% of her collection of baseball cards and then

donated $\frac{1}{3}$ of the remaining cards to a charity. Sarah was left with 42 baseball

cards.

(a) Calculate how many baseball cards Sarah had initially in her collection.   [3]

Answer_____ baseball cards

(b) How many baseball cards did the charity receive from Sarah? [1]

Answer_____ baseball cards