

13. Ben had \$25. He spent \$6.55 on lunch and \$10 on Top Up.

(a) How much did he spend altogether?

Answer: _____ [2]

(b) How much money did he have left?

Answer: _____ [2]

13. Evaluate

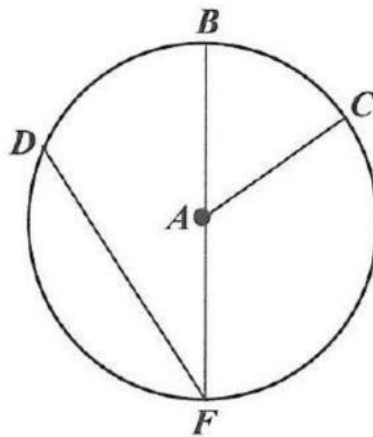
(a) $\left(\frac{1}{5} \times \frac{2}{5}\right) + 1\frac{11}{25}$

Answer: _____ [2]

(b) $2\frac{1}{3} \div \frac{21}{24}$

Answer: _____ [2]

13. (a) Study the diagram below and then answer the questions that follows.



(i) BF is called _____ [1]

(ii) AC is called _____ [1]

(iii) DF is called _____ [1]

(b) If $AB = 3 \text{ cm}$, calculate the area of the circle, given $\pi = 3.14$.

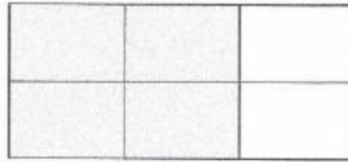
Answer: _____ [3]

13. Write the number that is one hundred less than 2736.

Answer: _____ [1]

13. (a) $\frac{2}{3}$ of the diagram below is shaded.

Write an equivalent fraction that also represents the shaded region.



Answer: _____ [1]

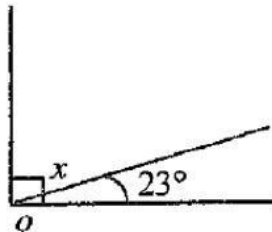
(b) Evaluate

$$4\frac{1}{2} \div \frac{3}{8}$$

Answer: _____ [4]

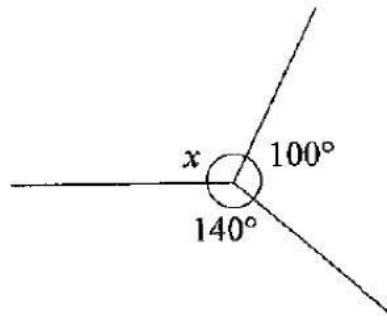
13. Calculate the missing angles marked with the letter x in the shapes below.

(a)



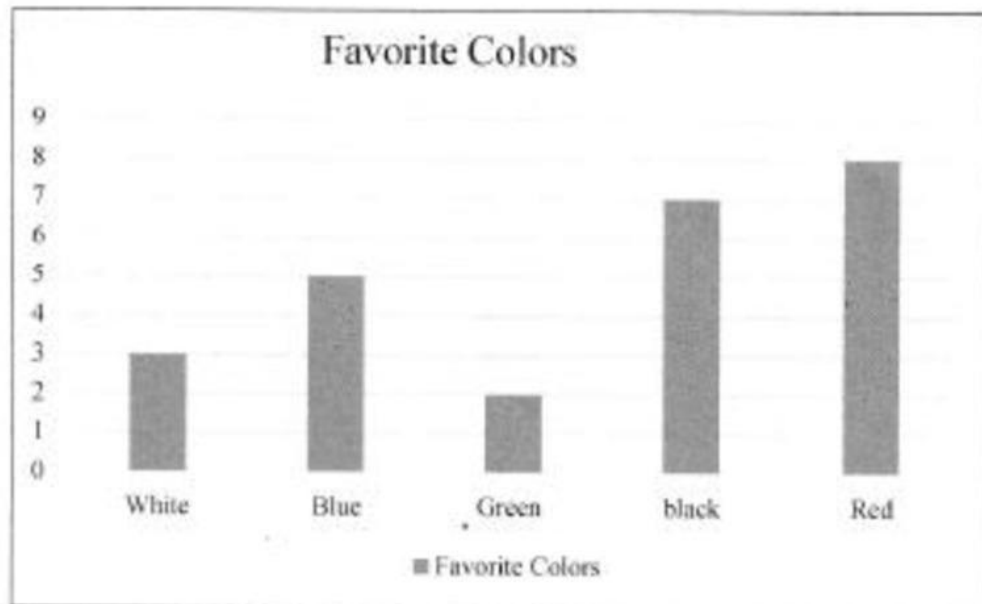
Answer: _____[°] [2]

(b)



Answer: _____^o [3]

13. The bar graph below shows the favourite colours of students in grade 9. Study the graph and answer the questions that follows:



- (a) State the colour that is the
- (i) most popular _____ [1]
- (ii) least popular _____ [1]
- (b) Calculate the difference between the number of students who choose black than white.
- Answer: _____ [2]
- (c) Identify the colour that was liked by 5 students.

Answer: _____ [1]

- (d) Determine how many students are in the class.

Answer: _____ [2]