

2021 PSLE FOUNDATION MATHS – PAPER 2

Questions 1 to 10 carry 2 marks each. Show your working clearly and write your answers in the spaces provided. For questions that require units, give your answers in the units stated.

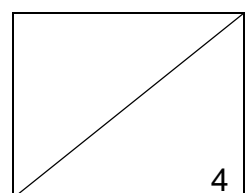
(20 marks)

1. Dorothy has a piece of string 50 cm long. She uses it to form a rectangle of length 15 cm. What is the breadth of the rectangle?

Ans: _____ cm

2. Sandra used a ribbon of length $\frac{1}{3}$ m to tie a parcel. She used another ribbon that was $\frac{1}{9}$ m longer to tie a box. What was the total length of the 2 ribbons used?

Ans: _____ m



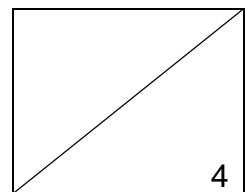
3. What is the missing number in the box?

$$\frac{4}{7} = \frac{56}{\boxed{?}}$$

Ans: _____

4. Ali cycled from his home to school which is 2.08 km away.
After cycling 900 m, how much further must he cycle to reach his school?
Give your answer in metres.

Ans: _____ m



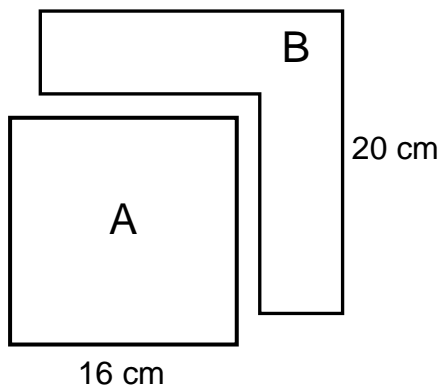
5. Jack bought a study table at a furniture sale.
How much did he pay for the table including GST?

Usual price: \$150
GST: 7 %



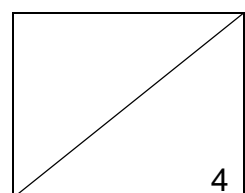
Ans: \$ _____

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6. Charlie had a piece of square paper. He cut a Square A, of side 16 cm, from it as shown in the figure below.



Find the perimeter of the remaining piece of Paper B.

Ans: _____ cm



7. What was the price of the polo t-shirt after the discount?

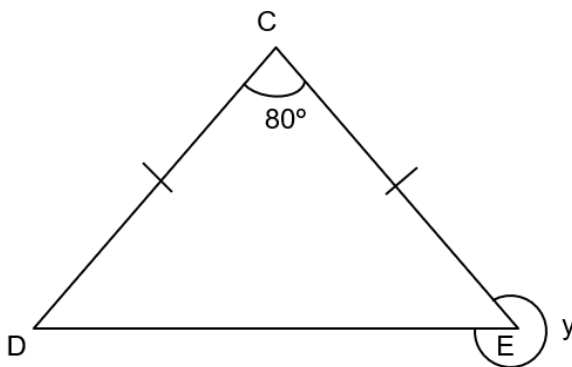


Polo t-shirt

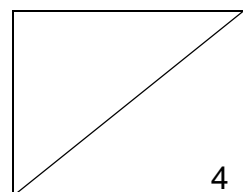
Usual price: \$50
Discount: 15%

Ans: \$ _____

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8. CDE is an isosceles triangle. $\angle DCE = 80^\circ$. Find $\angle y$.



Ans : _____^o

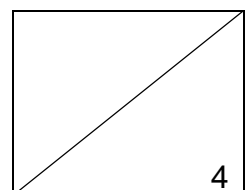


9. The average mass of Andrea, Bob and Cynthia is 56 kg. The total mass of Andrea and Bob is 106 kg. What is the mass of Cynthia?

Ans: _____ kg

10. Karen wanted to buy a racing car. She only had \$10, which was $\frac{1}{3}$ of the price of the racing. How much more money did she need to buy the doll?

Ans: \$ _____



For questions **11** to **16**, show your working clearly and write your answers in the spaces provided. The number of marks available is shown in brackets [] at the end of each question.

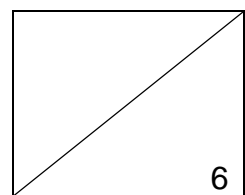
(20 marks)

11. Elizabeth had \$700. She spent \$140 on a dress and \$35 on a bag.
What percentage of her money was left after she bought the two items?

Ans: _____ [3]

12. The cost of 5 pencils and 4 erasers is \$19.
10 such pencils and 12 such erasers cost \$44.
Find the cost of 4 such erasers.

Ans: _____ [3]



13. Morgan found some spare ribbon in the closet. It was 8.56 m long. She gave 2.42 m of it away to her younger sister.
- (a) How long was the remaining ribbon?
- (b) Morgan then cut the remaining ribbon into 4 equal pieces. What was the length of each piece? (Give your answer correct to 1 decimal place)

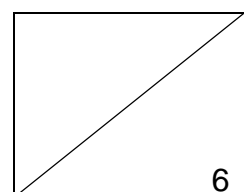
Ans: (a) _____ [1]

Ans: (b) _____ [2]

14. Patricia won a prize. The prize money was \$500. She donated \$150 to the poor and gave $\frac{2}{5}$ of the remainder to her parents.
- (a) What fraction of her money was donated to the poor?
Give your answer in the simplest form.
- (b) How much money did she give to her parents?

Ans: (a) _____ [1]

Ans: (b) \$ _____ [2]



15. After her mid-year examination, Elaine presented her results in a table below.

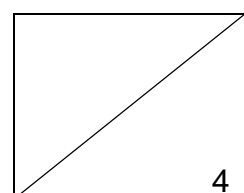
Subject	Marks
English Language	?
Mathematics	66
Mother Tongue Language	?
Science	82

The maximum mark for each subject was 100. Her average marks for all 4 subjects was 82. She scored 10 more marks for her English Language than her Science.

- (a) Find Elaine's total marks for the 4 subjects.
- (b) What did she score for her Mother Tongue Language?

Ans: (a) _____ [2]

Ans: (b) _____ [2]



16. Harry bought a book at a bookstore and immediately started reading it. It took him 15 minutes to read one page of his book. The book had 25 pages.
- (a) How long will it take Harry to finish reading his book? Give your answer in hours and minutes.
 - (b) If Harry finished reading his book at 19 00. At what time did he start reading the book?

Ans: (a) _____ [2]

Ans: (b) _____ [2]

