




Exercise 1 – 16

Strand	Assessment Focus	Question	Mark
Number	<ul style="list-style-type: none"> ◇ Multi-digit numbers ◇ Estimation of large numbers ◇ Comparing fractions ◇ Addition and subtraction of fractions ◇ Addition and subtraction of three fractions ◇ Multiplication of fractions 	1 – 15	/21
Measures	<ul style="list-style-type: none"> ◇ Area 	16 – 21	/9
Algebra	<ul style="list-style-type: none"> ◇ Algebraic expressions ◇ Simple equations 	22 – 27	/10
Data Handling	<ul style="list-style-type: none"> ◇ Compound bar charts 	28	/4

Self-grading

34 – 44 marks 
 23 – 33 marks 
 0 – 22 marks 

1. Three 6-digit numbers are arranged from the smallest to the greatest as shown below:

360 245 , , 375 483
 (Smallest) (Greatest)

Fill in the box with suitable number.

2. In the number '56 794 168',
 (a) the digit '7' stands for _____.
 (b) Round this number to the nearest _____, it would be 56 790 000.
3. Which of the following fractions is the smallest? (Circle the answer)

$$5\frac{5}{8}, \frac{41}{7}, 5\frac{3}{4}$$

4. $8\frac{5}{8} + 4\frac{2}{5} =$

5. $4\frac{3}{4} \times \frac{1}{5} \times \frac{5}{6} =$

6. $7 - 2\frac{2}{3} + 1\frac{4}{9} =$

Marking record



1 Mark



1 Mark



1 Mark



1 Mark



1 Mark



1 Mark



1 Mark

7. The table below shows the time Betty spent on revising three subjects.

Subject	Chinese	English	Mathematics
Time(hour)	$1\frac{3}{10}$	$\frac{4}{5}$	$1\frac{2}{3}$

The time Betty spent on revising _____ is the closest to 1 hour.

8. A farmer picked 204 boxes of apple. There are 51 apples in each box. That is, the farmer picked about _____ thousand apples.

9.



Lilian

I am $110\frac{1}{2}$ cm tall.



Ernest

You are $2\frac{3}{10}$ cm taller than me.

Ernest is cm tall.

10. The weight of Sam is 22 kg. May weighs 2 times as Sam. James weighs $1\frac{1}{2}$ times as May. What is the weight of James? (Show your working)

11. There is $25\frac{3}{4}$ L of paint in each bucket of paint. Workers used half bucket of paint to paint a wall. How much paint did they use?

- A. $12\frac{3}{8}$ L ○ B. $12\frac{7}{8}$ L ○ C. $50\frac{1}{2}$ L ○ D. $51\frac{1}{2}$ L

12. Each egg tart costs $\$6\frac{3}{5}$. Then a dozen of egg tarts cost \$.

13. Ann bought a bag of rice. After eating $\frac{1}{4}$ kg of rice today and yesterday each, $3\frac{3}{10}$ kg of rice are left. Ann bought kg of rice.

1 Mark

1 Mark

1 Mark

1 Mark

1 Mark

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1 Mark



1 Mark



1 Mark



1 Mark



1 Mark



1 Mark



1 Mark



1 Mark



1 Mark



1 Mark



1 Mark



1 Mark

14. There were 20 kg of soybeans in the breakfast shop originally. $10\frac{4}{5}$ kg were used to make soy milk and $5\frac{1}{2}$ kg more soybeans were then bought. How many kilograms of soybeans are there in the shop now?

Answer: There are kg of soybeans in the shop now.

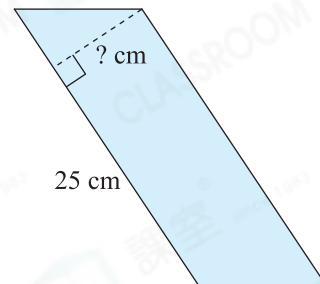
15. The area of kitchen is $5\frac{1}{2}$ m², which is $4\frac{4}{5}$ m² smaller than that of sitting room. The area of sitting room is $3\frac{2}{5}$ m² larger than bedroom.

(a) The area of the sitting room is m².

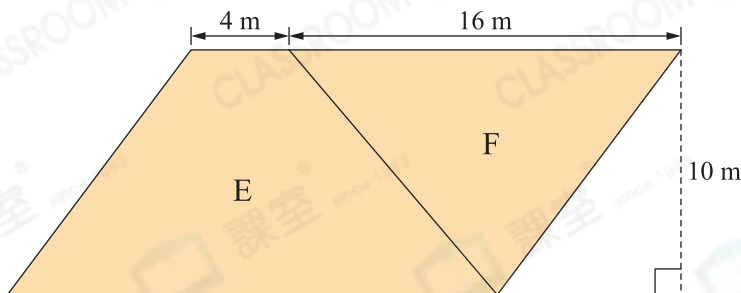
(b) What is the total area of sitting room and bedroom? (Show your working)

16. The figure on the right is a parallelogram. Its area is 200 cm². What is the corresponding height if the base is 25 cm?

Answer: _____ cm



17.



The parallelogram above is composed of trapezium E and triangle F.

(a) The area of trapezium E is _____ m².

(b) The area of triangle F is _____ m².



1 Mark



1 Mark



1 Mark



1 Mark



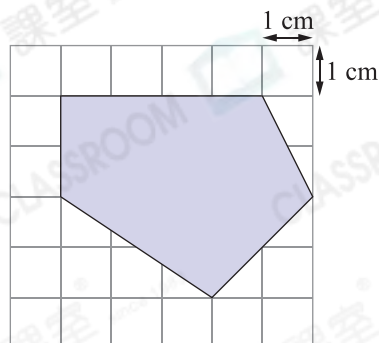
1 Mark



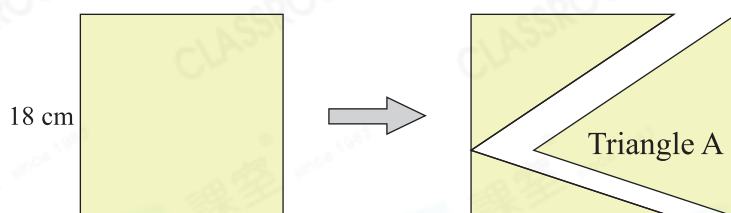
1 Mark

18. What is the area of the coloured part in the figure on the right?

- A. 10 cm^2
- B. 13 cm^2
- C. 14 cm^2
- D. 16 cm^2



19. Jason cuts triangle A from a square paper as shown in the figure below.

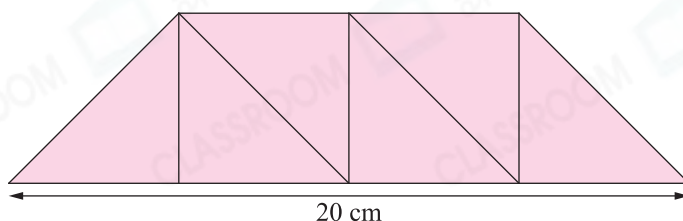


(a) What is the area of triangle A?

Answer: The area of triangle A is _____ cm^2 .

(b) The area of the remaining part is \star equal / not equal (\star circle the answer) to the area of triangle A.

20.

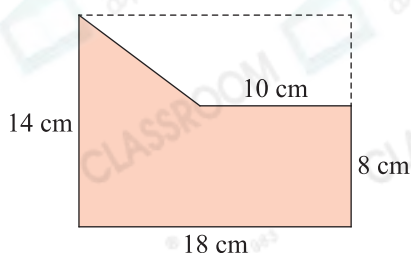


The above trapezium is formed by 6 identical isosceles right-angled triangles.

(a) The upper base of the trapezium is _____ cm. The lower base of the trapezium is _____ cm. The height of the trapezium is _____ cm.

(b) The area of the trapezium is _____ cm^2 .

21.

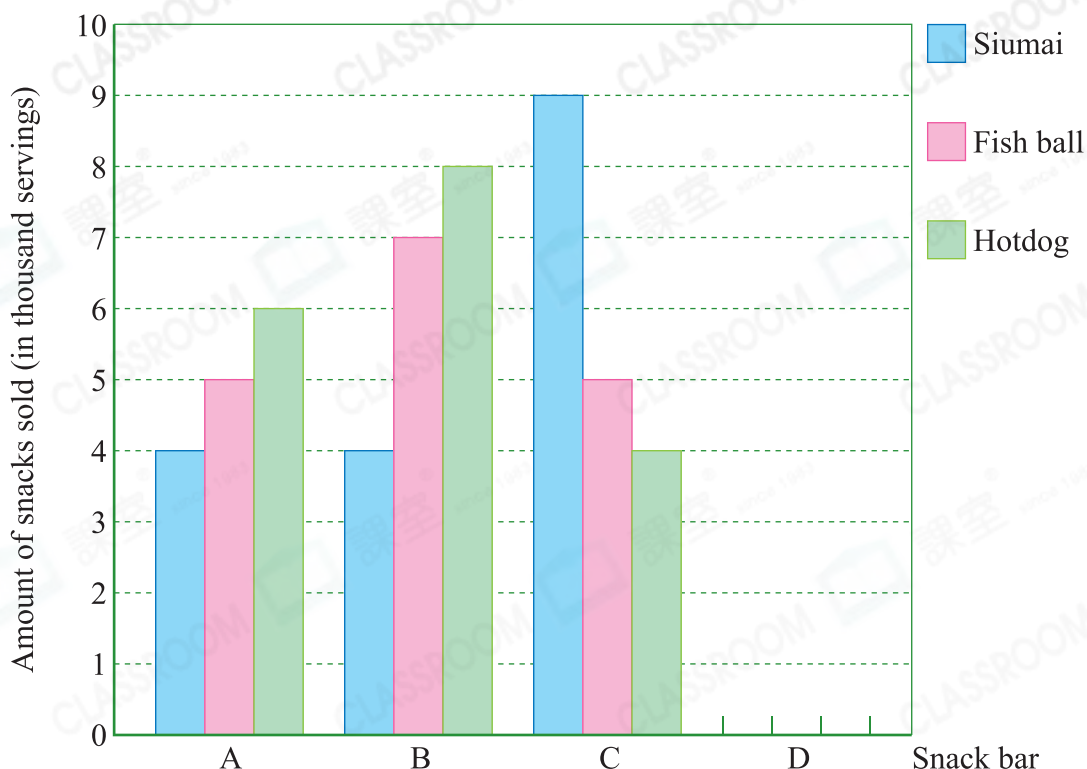


A trapezium is cut from a rectangular card as shown in the figure on the left. What is the area of the remaining part?

Answer: _____ cm^2

28. The chart below shows the amount of snacks sold in snack bars last month.

Amount of snacks sold in snack bars last month



(a) Snack bar D sold 7000 servings of siumai, 5000 servings of fish ball and 3000 servings of hotdog. Draw bars on the chart above to show the amount of snacks sold in snack bar D.



1 Mark

(b) Which of the 4 snack bars sold the most servings of snack? How many servings did it sold altogether?



1 Mark

Answer: Snack bar _____ sold the most servings of snack. It sold _____ servings of snack altogether.

(c) What fraction of the amount of siumai sold is that of hotdog in snack bar C? (Reduce the answer to the lowest term)



1 Mark

Answer:

(d) The table below shows the prices of snacks per serving.



1 Mark

Snack	Siumai	Fish ball	Hotdog
Price (per serving)	\$16	\$12	\$14

What is the amount received by snack bar A from selling snacks?

Answer: \$ _____



Check your work

- All questions finished
- Answers checked