




Test I

Date: _____
 Mark: _____ /33
 Time limit: 30 minutes

Exercise 1 – 10

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 with different denominators 	1 – 13	/20
Measures	<ul style="list-style-type: none"> ◆ Area 	14 – 21	/13

Self-grading

25 – 33 marks 
 17 – 24 marks 
 0 – 16 marks 

Marking record

1. Use the following number cards to make numbers.





(a) The smallest 6-digit number is _____.

(b) The greatest 7-digit odd number is _____.

2. $\frac{3}{8} + 2\frac{11}{12} =$

3. $2\frac{7}{11} - 1\frac{2}{3} =$

4. $6\frac{2}{5} - (2\frac{3}{4} + 1\frac{9}{10}) =$

5. $\frac{13}{12}$ is  greater than / equal to / smaller than $\frac{15}{15}$. ( Circle the answer)

6. In the number '2 198 785', what is the difference in value between the two '8's?

- A. 720 B. 792 C. 7200 D. 7920

7. Which of the following fractions is the greatest? (Circle the answer)

$1\frac{2}{5}, \frac{17}{6}, 2\frac{3}{4}$



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8. The number of tickets sold of the amusement park in the 3rd quarter is shown in the table below.

Month	July	August	September
Quantity of tickets	175 862	202 874	170 500

- (a) The amusement park sold least tickets in _____.
- (b) The amusement park sold around _____ tickets in total in the 3rd quarter when corrected to the nearest ten thousand.

9. In a long jump competition, the 1st runner up jumped $5\frac{5}{8}$ m. The 2nd runner up jumped $\frac{3}{10}$ m closer than the 1st runner up and the champion jumped $\frac{2}{5}$ m farther than the 1st runner up.

- (a) The 2nd runner up jumped m.

- (b) How far did the champion jump? (Show your working)

10. Which of the following expressions is the best estimate for the value of $3\frac{1}{8} - 1\frac{5}{6} + 4\frac{2}{3}$?

○ A. $3 - 1 + 5$ ○ B. $3 - 2 + 4$ ○ C. $3 - 2 + 5$ ○ D. $4 - 2 + 5$

11. Mum buys $2\frac{1}{4}$ kg of grapes and $1\frac{4}{5}$ kg of cherries. After $\frac{1}{2}$ kg of grapes are eaten, what is the difference in weight between the remaining grapes and cherries?

Answer: kg

12. There were 2 L of lemon tea in a bottle. Tina drank $\frac{3}{8}$ L, Peter drank $\frac{1}{4}$ L and Jacky drank $\frac{1}{2}$ L. They drank L of lemon tea altogether.



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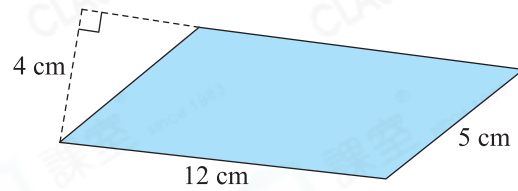
1 Mark

13. Carmen read for $2\frac{1}{2}$ hours yesterday. Kit read for $\frac{5}{6}$ hour and $1\frac{1}{4}$ hours in yesterday's morning and afternoon respectively. How many more hours did Carman spend on reading than Kit yesterday? (Show your working)

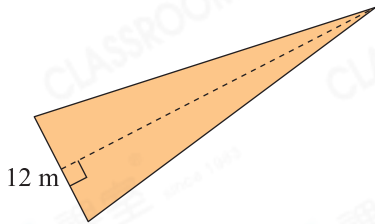
Blank area for working on question 13.

14. What is the area of the parallelogram on the right?

- A. 60 cm^2 B. 48 cm^2
 C. 30 cm^2 D. 24 cm^2



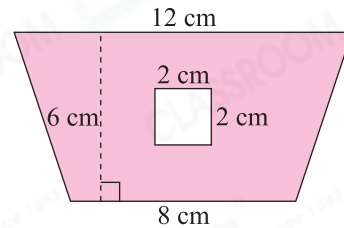
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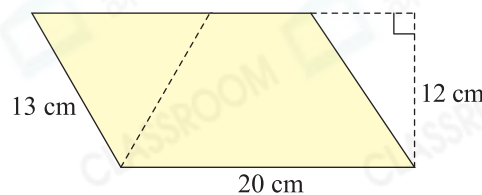
The height of the triangle on the left is three times as the base. Its area is _____.
(Give the answer with a unit)

16. A square is cut from a trapezium craft paper as shown on the right. What is the remaining area?

Answer: _____ cm^2



- 17.



A parallelogram with height of 12 cm is shown above. An equilateral triangle is cut along the dotted line. What is the area of the remaining part? (Show your working)

Blank area for working on question 17.



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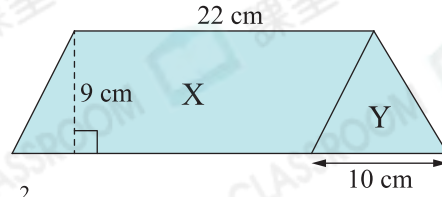


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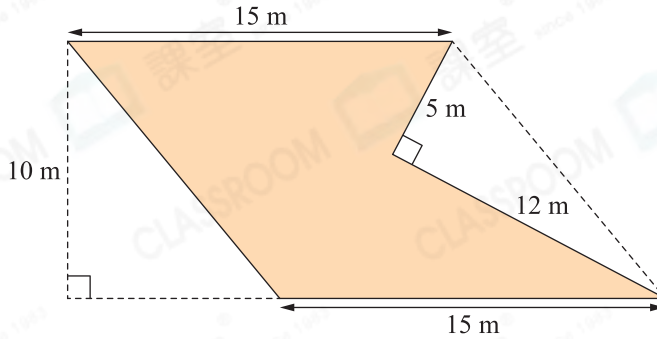
18. A parallelogram X and a triangle Y are cut from a trapezium as shown on the right.

(a) The area of triangle Y is _____ cm^2 .

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

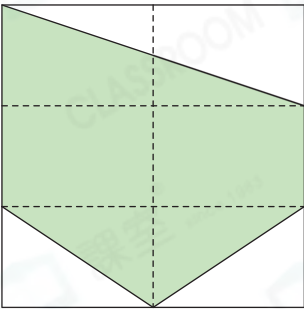


19.



Layout plan of a flower bed is shown above. What is the area of the flower bed? (Show your working)

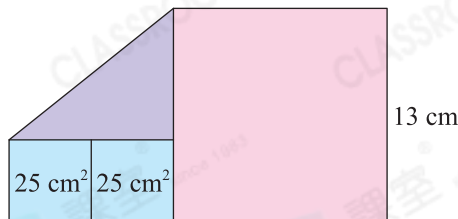
20.



The square on the left is composed of 6 identical rectangles. The length and width of each rectangle are 9 cm and 6 cm respectively. What is the area of the coloured part?

Answer: _____ cm^2

21.



The above figure is composed of a triangle and 3 squares. What is the area of the triangle?

Answer: _____ cm^2



Check your work

- All questions finished
- Answers checked