

Sample Exam 12 – Solutions

Session 12

Total: 75 marks

SECTION I

1. Write in words: [1]

Hundreds of Thousands	Tens of Thousands	Thousand	Hundred	Tens	Ones
5	7	1	0	6	8

Answer _____ Five hundred and seventy-one thousand and sixty-eight _____

2. Express $\frac{51}{9}$ as a mixed number. [1]

$51 \div 9 = 5$ remainder 6 (how many groups of 9 can you get from 51?)

The answer (excluding the remainder) represents the whole number in the mixed number.

Whole number = 5

The remainder becomes the numerator in the mixed number and is placed over the denominator of the proper fraction: $\frac{6}{9} = \frac{2}{3}$

Answer _____ $5\frac{2}{3}$ _____

3. The students of the Standard 5 classes were equally divided into 6 groups for the school excursion. If there were 96 students in total, how many students were in each group? [1]

Total number of students = 96 students

Number of groups = 6 groups

$$\begin{aligned} \text{Number of students in each group} &= \frac{\text{Total number of students}}{\text{Number of groups}} \\ &= \frac{96}{6} \\ &= 16 \text{ students} \end{aligned}$$

Answer _____ 16 _____ students

4. If $\frac{7}{11}$ of a number is 119, what is the number? [1]

$$\frac{7}{11} \text{ of number} = 119$$

$$\begin{aligned} \text{Number} &= \frac{119}{1} \times \frac{11}{7} \\ &= 187 \end{aligned}$$

Answer _____ 187 _____

5. Express 0.44 as a common fraction.

[1]

$$\begin{aligned} 0.44 &= \frac{44}{100} \\ &= \frac{11}{25} \end{aligned}$$

Answer _____ $\frac{11}{25}$ _____

6. $18^2 \div 12 = \boxed{9} \times 3$

[1]

$$\begin{aligned} 18^2 \div 12 &= (18 \times 18) \div 12 \\ &= 324 \div 12 \\ &= 27 \end{aligned}$$

Since,

$$\begin{aligned} 18^2 \div 12 &= \boxed{9} \times 3 \\ 27 &= \boxed{9} \times 3 \\ \boxed{9} &= 27 \div 3 \\ &= 9 \end{aligned}$$

7. Complete the number pattern below.

[1]

2 , 8 , 20 , 38 , _ **62** _

Let's observe the pattern:

$$8 - 2 = 6$$

$$20 - 8 = 12$$

$$38 - 20 = 18$$

We can see that the number being added to each consecutive term is a multiple of 6.

Therefore, $38 + 24 = 62$

8. Subtract 2.84 from 9.63.

[1]

$$\begin{array}{r} 9.63 \\ - 2.84 \\ \hline 6.79 \end{array}$$

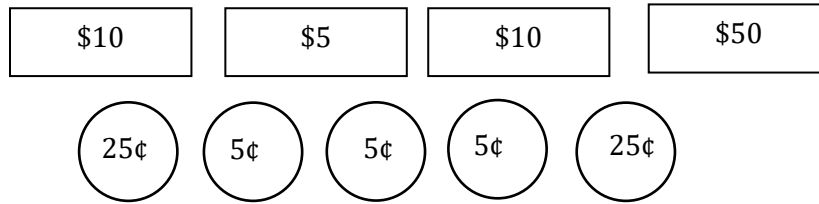
Answer 6.79

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9. Eli saved the money shown below.

How much more money does he need to save to reach his savings goal of \$90.00?

[1]



Bills (\$)
 10
 5
 10
 50

 \$75

Coins (¢)
 25
 5
 5
 5
 25

 65 ¢

Total = \$75.00
 + \$0.65

 \$75.65

Amount of money Eli needs to save to reach his savings goal = \$90.00 - \$75.65

= \$14.35

Answer \$ _____ 14.35 _____

10. Mr Springer bought 14 dozen cupcakes to be shared equally among his 7 Mathematics classes.
 How many cupcakes will each class get? [1]

$$14 \text{ dozen cupcakes} = 14 \times 12$$

$$= 168 \text{ cupcakes}$$

Number of mathematics classes = 7 classes

$$\text{Number of cupcakes each class will get} = \frac{\text{Total number of cupcakes}}{\text{Number of mathematics classes}}$$

$$= \frac{168}{7}$$

$$= 24 \text{ cupcakes}$$

Answer _____ **24** _____ cupcakes

11. Write down the MOST appropriate standard unit for recording the length of a school's playground. [1]

Answer _____ **metres** _____

12. Complete the statement below. [1]

Converting from centimetres to metres

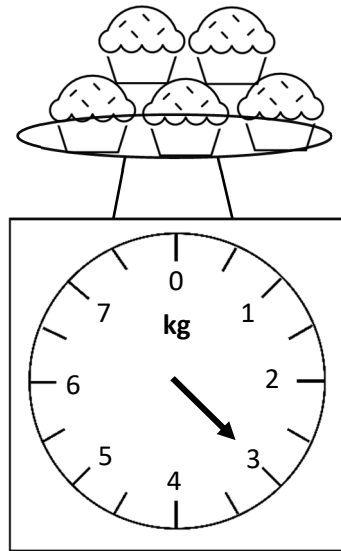
$$100 \text{ cm} = 1 \text{ m}$$

$$409 \div 100 = 4.09 \text{ m}$$

$$409 \text{ cm} = \text{_____} \text{ **4.09** \text{_____} m}$$

13. Crissa used the scale below to record the mass of five identical muffins.

[1]



Write down the mass of each muffin.

$$\text{Mass of 5 muffins} = 3 \text{ kg}$$

$$\text{Mass of 1 muffin} = 3 \text{ kg} \div 5$$

$$= 0.6 \text{ kg}$$

Converting from kilograms to grams:

$$1000 \text{ g} = 1 \text{ kg}$$

$$0.6 \times 1000 = 600 \text{ g}$$

Answer _____ **600** _____ grams

14. Jonathan's journey from Oropouche to Las Cuevas took 140 minutes.

How many HOURS did his journey take?

[1]

Duration of Jonathan's journey = 140 minutes

Converting minutes to hours:

60 minutes = 1 hour

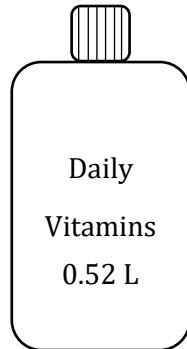
$$140 \text{ minutes} = \frac{140}{60}$$

$$= 2\frac{1}{3} \text{ hours}$$

Answer _____ $2\frac{1}{3}$ _____ hours

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15. How many complete 30 ml doses would Josiah get from his bottle of vitamins shown below? [1]



$$\begin{aligned} \text{Volume of bottle of vitamins} &= 0.52 \text{ L} \\ &= 0.52 \times 1000 \\ &= 520 \text{ ml} \end{aligned}$$

$$\text{Volume of 1 dose} = 30 \text{ ml}$$

$$\begin{aligned} \text{Number of doses Josiah can get from the bottle} &= \frac{520}{30} \\ &= 17.333' \text{ doses} \end{aligned}$$

The question asked for the number of **complete** doses therefore the answer is 17 doses.

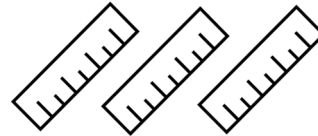
Answer _____ **17** _____ doses

16. Sian purchased some of the items as advertised below.



Scissors

2 pairs for \$15



Rulers

3 for \$7

She buys 4 pairs of scissors and pays with a \$50.00 bill.

How many rulers can she buy with the remainder of the money if they are only sold in bundles and not separately? [1]

$$2 \text{ pairs of scissors} = \$15$$

$$4 \text{ pairs of scissors} = 2 \times \$15 \\ = \$30$$

$$\text{Remaining money} = \$50.00 - \$30.00 \\ = \$20.00$$

$$\text{Number of sets of rulers she can purchase} = \frac{20}{7} \\ = 2 \text{ sets}$$

$$1 \text{ set of rulers} = 3 \text{ rulers}$$

$$2 \text{ sets of rulers} = 2 \times 3$$

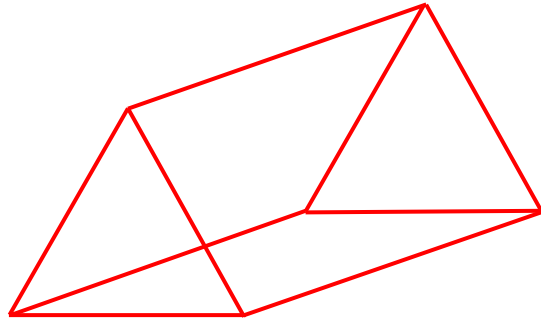
$$2 \text{ sets of rulers} = 6 \text{ rulers}$$

Answer 6 rulers



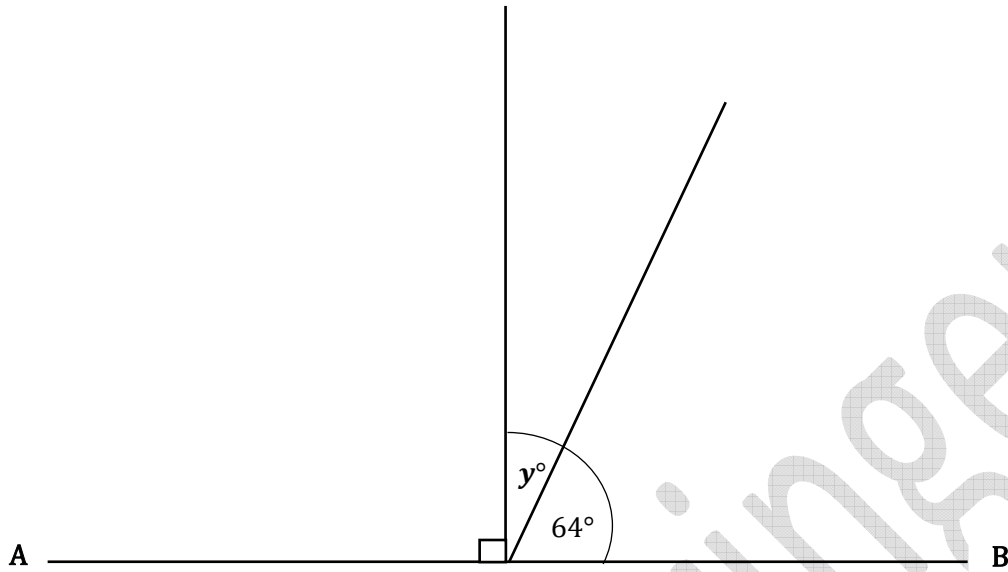
17. Draw a Triangular Prism below.

[1]



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18. The diagram below shows three angles. AB is a straight line.



Calculate the value of y .

[1]

Sum of angles in a straight line = 180°

$$90^\circ + y^\circ + 64^\circ = 180^\circ$$

$$y^\circ = 180^\circ - 90^\circ - 64^\circ$$

$$y^\circ = 26^\circ$$

Answer _____ 26 _____ degrees

19. The mean of 10, 16 and 34 is the same as the mean of 22 and a.
What number does a represent?

[1]

$$\text{Mean of 10, 16 and 34} = \frac{\text{sum of 10,16 and 34}}{\text{frequency}}$$

$$= \frac{10 + 16 + 34}{3}$$

$$= \frac{60}{3}$$

$$= 20$$

10, 16 and 34 has the same mean as 22 and a.

Mean of 22 and a = 20

Sum of 22 and a = Mean of 22 and a × frequency

$$= 20 \times 2$$





$$= 40$$

Therefore, a = 40 - 22

$$= 18$$

Answer _____ 18 _____


20. The table below shows the number of practice tests completed by 4 students over the course of one month.

Student	Practice Tests Completed
Shinia	
Terryn	
Rylee	
Khyla	

 = 6 practice tests

How many practice tests did the 4 students complete altogether?

[1]

Total number of  = $2.5 + 3 + 1.5 + 4.5$
= 11.5

Since  = 6 practice tests

Total number of practice tests completed by the 4 students = 11.5×6
= 69 practice tests

Answer _____ 69 _____ practice tests

SECTION II

21. $7\frac{3}{8} - 2\frac{5}{6} =$

[2]

Whole Numbers

$= 7 - 2$

$= 5$

$= 4\frac{24}{24}$

$= 4$

Fractions

$= \frac{3}{8} - \frac{5}{6}$

$= \frac{9 - 20}{24}$

$= \frac{(24 + 9) - 20}{24}$

$= \frac{33 - 20}{24}$

$= \frac{13}{24}$

Answer _____ $4\frac{13}{24}$ _____

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22. (a) Arrange the following numbers in ASCENDING order (smallest first).

[1]

5 274, 5 724, 5 742, 5 247

Th	H	T	O
5	2	7	4
5	7	2	4
5	7	4	2
5	2	4	7

The first digit, the thousands digit, is the same for all numbers. So, we look at the next digit, which is the hundreds digit. 5 274 and 5 247 both had 2 hundreds and so they are smaller than the other two numbers.

We next look at the tens column where 7 tens are present in 5 274 making it larger than 5 247.

Answer _____ 5247, 5274, 5724, 5742 _____

(b) What is the SMALLEST even number in the list above?

[1]

An even number is a number which ends in 0, 2, 4, 6 and 8.

Based on the list given the even numbers are 5 274, 5 724 and 5 742.

The smallest even number is 5 274 since it has 2 hundreds.

Answer _____ 5274 _____

23. For every 4 tasks that Mia completes, Shantel completes 9. Shantel eventually completes 45 tasks. Calculate how many tasks Mia completed. [2]

Shantel completed 45 tasks.

For every 4 tasks that Mia completes, Shantel completes 9.

$$\begin{aligned} \text{Number of groups of "9" in 45} &= 45 \div 9 \\ &= 5 \end{aligned}$$

$$\begin{aligned} \text{Number of tasks Mia completed} &= 5 \times 4 \\ &= 20 \text{ tasks} \end{aligned}$$

Answer _____ 20 _____ tasks

24. Kareena bought a pack of erasers containing 30 erasers for \$42. She then sold the erasers in a singular fashion and made a profit of \$18. What was the selling price of each eraser? [2]

$$\text{Cost Price of 30 erasers} = \$42.00$$

$$\text{Profit made from selling erasers in a singular fashion} = \$18.00$$

$$\begin{aligned} \text{Selling Price of 30 erasers} &= \text{Cost Price} + \text{Profit} \\ &= \$42.00 + \$18.00 \\ &= \$60.00 \end{aligned}$$

$$\begin{aligned} \text{Therefore, selling price of 1 eraser} &= \$60.00 \div 30 \\ &= \$2.00 \end{aligned}$$

Answer \$ _____ 2 _____

25. In a birthday party, each attendee was given 6 chocolates and 2 cupcakes. If a total of 264 chocolates and cupcakes were distributed, how many attendees were present? [2]

$$\begin{aligned} \text{Each attendee received} &= 6 + 2 \\ &= 8 \text{ items} \end{aligned}$$

Altogether, 264 items were distributed at the party.

$$\begin{aligned} \text{Number of attendees} &= \frac{264}{8} \\ &= 33 \text{ attendees} \end{aligned}$$

Answer _____ **33** _____ attendees

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26. The Ali family went out to dine in a restaurant. The total cost of the items they ordered was \$840. If they are required to pay 12.5% VAT **and** 10% service charge based on the total cost of their items, what will be the final amount paid to the restaurant? [2]

$$\text{Cost of items} = \$840$$

$$\text{VAT} = 12.5\% \text{ of } \$840$$

$$= \frac{12.5}{100} \times \frac{\$840}{1}$$

$$= \$105$$

$$\text{Service charge} = 10\% \text{ of } \$840$$

$$= \frac{10}{100} \times \frac{\$840}{1}$$

$$= \$84$$

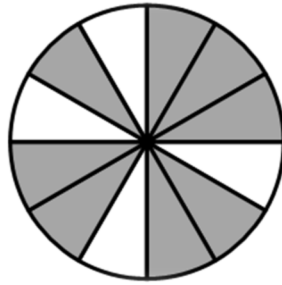
$$\text{Final amount to be paid to the restaurant} = \text{Total cost of items} + \text{VAT} + \text{Service Charge}$$

$$= \$840 + \$105 + \$84$$

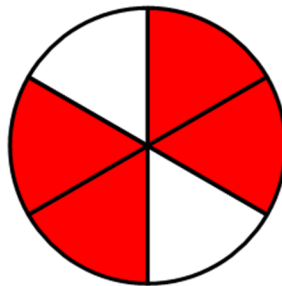
$$= \$1\,029$$

Answer \$ 1029

27. Kaveer shaded part of the shape below to represent a fraction.



(a) Shade the shape below to represent the equivalent fraction to Kaveer's. [1]



(b) Use the fractions and an explanation to tell how you know that your answer is correct. [2]

Total number of parts in Kaveer's shape = 12 parts

Number of shaded parts in Kaveer's shape = 8 parts

Fraction of Kaveer's shape that is shaded = $\frac{8}{12}$

Total number of parts in the shape in part (a) = 6 parts

Number of shaded parts in the shape in part (a) = 4 parts

Fraction of part (a)'s shape that is shaded = $\frac{4}{6}$

$$\frac{4 \times 2}{6 \times 2} = \frac{8}{12}$$

Answer: My answer is correct as $\frac{4}{6}$ and $\frac{8}{12}$ are equivalent fractions as seen above

28. Janiah decided to organize the 40 pens on her study desk by placing them in a small case. She has three times as many blue pens as red pens.

(a) Complete the table below to show the number of blue and red pens in the case. [2]

Colour	Number of pens
Blue	___ 18 ___
Black	16
Red	___ 6 ___
TOTAL = 40 PENS	

Total number of pens = 40 pens

Janiah has three times as many blue pens as red pens.

3 parts blue pens + 1 part red pens = 4 parts

Number of blue and red pens = Total number of pens - Number of black pens

$$= 40 - 16$$

$$= 24 \text{ pens}$$

4 parts = 24 pens

1 part = $24 \div 4$

1 part = 6 pens

Number of red pens = 1 part = 6 red pens

Number of blue pens = 3 parts = 3×6

= 18 blue pens

(b) What percentage of the pens are blue?

[1]

$$\begin{aligned} \text{Percentage of the pens that are blue} &= \frac{\text{Number of blue pens}}{\text{Total number of pens}} \times 100 \\ &= \frac{18}{40} \times 100 \\ &= 45\% \end{aligned}$$

Answer _____ **45** _____ %

29. The product of two numbers is 7. One of them is $3\frac{1}{9}$. What is the other number?

[2]

The product of two numbers = 7

$3\frac{1}{9} \times$ the other number = 7

The other number = $7 \div 3\frac{1}{9}$

$$= 7 \div \frac{28}{9}$$

$$= \frac{7}{1} \times \frac{9}{28}$$

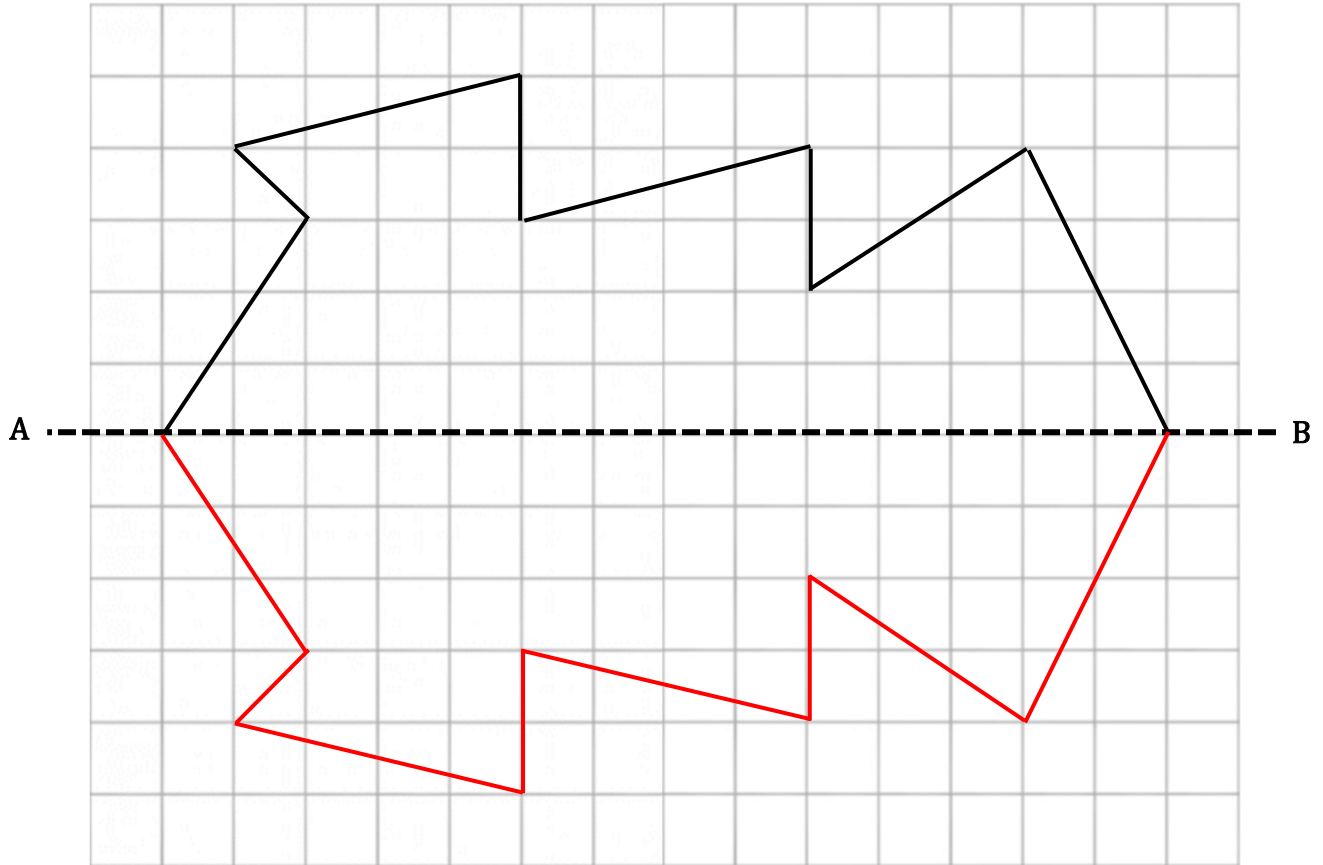
$$= \frac{63}{28}$$

$$= \frac{9}{4}$$

$$= 2\frac{1}{4}$$

Answer _____ **$2\frac{1}{4}$** _____

30. In the following diagram, the dotted line AB is a line of symmetry for the incomplete shape.
Complete the drawing of the shape. [3]



Kerwin

31. Anna purchased 25 metres of embroidery floss to construct some dream catchers. Each dream catcher required 375 centimetres of floss for its construction.

(a) Anna used 18.75 metres of embroidery floss to make the dream catchers. Calculate how many dream catchers Anna made. [1]

$$\begin{aligned} \text{Length of embroidery floss Anna used} &= 18.75 \text{ m} \\ &= 1875 \text{ cm} \end{aligned}$$

$$\text{Length of embroidery floss required for one dream catcher} = 375 \text{ cm}$$

$$\begin{aligned} \text{Number of dream catchers Anna made} &= \frac{\text{Length of embroidery floss Anna used}}{\text{Length of embroidery floss required for one dream catcher}} \\ &= \frac{1875}{375} \\ &= 5 \text{ dream catchers} \end{aligned}$$

Answer _____ 5 _____ dream catchers

(b) Anna's daughter took the remaining embroidery floss to make necklaces for her friends. If one necklace was made using 40 centimetres of floss, how many necklaces were made? [2]

$$\begin{aligned} \text{Total length of embroidery floss} &= 25 \text{ m} \\ &= 2500 \text{ cm} \end{aligned}$$

$$\text{Length of embroidery floss Anna used} = 1875 \text{ cm}$$

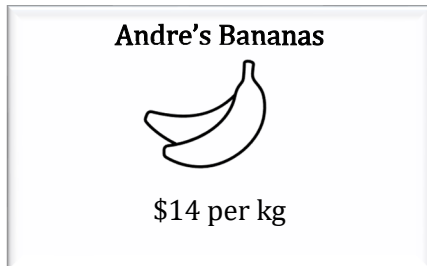
$$\begin{aligned} \text{Remaining embroidery floss} &= 2500 - 1875 \\ &= 625 \text{ cm} \end{aligned}$$

$$\text{Length of embroidery floss required for one necklace} = 40 \text{ cm}$$

$$\begin{aligned} \text{Number of necklaces made} &= \frac{\text{Remaining embroidery floss}}{\text{Length of embroidery floss required for one necklace}} \\ &= \frac{625}{40} \\ &= 15 \text{ necklaces} \end{aligned}$$

Answer _____ 15 _____ necklaces

32. Andre went to the market on Saturday and Sunday to sell his bananas according to the advertisement below.



(a) If he made \$122.50 on Saturday, what was the mass of the bananas that were sold? [1]

1 kg of bananas cost \$14.

Andre's sales on Saturday = \$122.50

$$\begin{aligned} \text{Mass of bananas sold on Saturday} &= \frac{\$122.50}{\$14 \text{ per kg}} \\ &= 8.75 \text{ kg} \end{aligned}$$

Answer _____ **8.75** _____ kg

(b) On Sunday he sold 3.15 kilograms less bananas than on Saturday. Calculate Andre's sales on Sunday. [2]

$$\begin{aligned} \text{Mass of bananas sold on Sunday} &= 3.15 \text{ kg less than on Saturday} \\ &= 8.75 - 3.15 \text{ kg} \\ &= 5.6 \text{ kg} \end{aligned}$$

1 kg of bananas cost \$14.

$$\begin{aligned} \text{Andre's sales on Sunday} &= 5.6 \times \$14 \\ &= \$78.40 \end{aligned}$$

Answer \$ _____ **78.40** _____

33. Duliana is touring Port of Spain with her family. They want to visit the Emperor Valley Zoo, the Botanical Garden and the National Museum before their lunch reservations at 1:30 p.m. They want to spend 2 hours and 15 minutes at the Emperor Valley Zoo, 45 minutes in the Botanical Garden and 1 hour and 45 minutes on the tour of the National Museum.

What is the latest time Duliana's family can start their tour of Port of Spain and still make it to lunch on time? [3]

Lunch reservations are at 1:30 p.m.

Time to be spent in the Emperor Valley Zoo = 2 hours 15 minutes

Time to be spent in the Botanical Garden = 0 hours 45 minutes

Time to be spent in the National Museum = 1 hours 45 minutes

TOTAL time to be spent touring POS = 4 hours 45 minutes

Latest time Duliana's family can begin their tour to make it to lunch at 1:30 p.m.:

12 90

~~13:30~~

4:45

08:45

Answer _____ 8:45 _____

34. (a) What is a polygon?

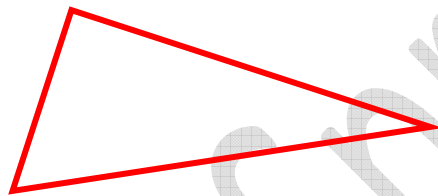
[1]

Answer: A polygon is a two-dimensional shape (also called flat or plane figure) with at least three straight sides and angles.

(b) Name **and** draw an irregular polygon below.

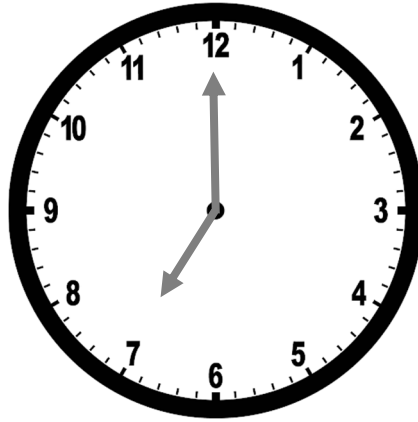
[2]

Irregular polygons are polygons that have unequal angles and unequal sides.



Answer _____ scalene triangle _____

35. A clock is shown below.



The hour hand moved from 7 to 5 in a clockwise direction. Through how many degrees did the hour hand move? [2]

A circle has 360° .

The circle is divided equally into twelve angles at the centre.

$$\begin{aligned} \text{Angle between any 2 numbers next to each other} &= 360^\circ \div 12 \\ &= 30^\circ \end{aligned}$$

Spaces moved from 7 to 5 = 10 spaces

$$\begin{aligned} \text{Number of degrees the hand moved} &= 10 \times 30^\circ \\ &= 300^\circ \end{aligned}$$

Answer _____ **300** _____ degrees

36. The mean of 13 numbers was 22. Another number was added and the new mean was 24. What number was added? [2]

$$\text{Mean} = \frac{\text{Sum}}{\text{Frequency}}$$

The mean of 13 numbers was 22.

$$\begin{aligned} \text{Hence, the sum of these 13 numbers} &= 13 \times 22 \\ &= 286 \end{aligned}$$

The new mean of the 14 numbers is 24.

$$\begin{aligned} \text{Hence, the new sum} &= 14 \times 24 \\ &= 336 \end{aligned}$$

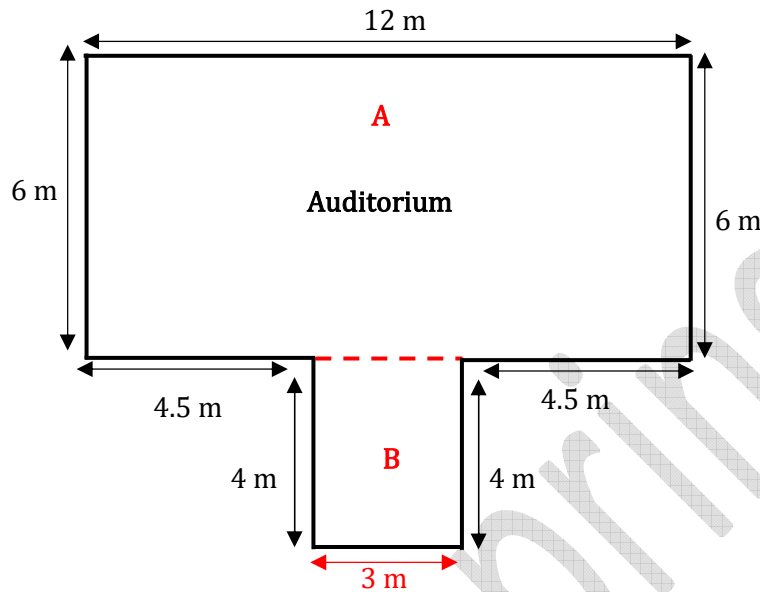
$$\begin{aligned} \text{The number that was added} &= 336 - 286 \\ &= 50 \end{aligned}$$

Answer 50

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SECTION III

37. The school board wants to tile the auditorium using square tiles 25 cm in length.



(a) How many tiles are required to cover the auditorium?

[3]

We can split the auditorium into two sections, labelled A and B above.

$$\begin{aligned} \text{Area of section A} &= 1200 \times 600 \\ &= 720\,000 \text{ cm}^2 \end{aligned}$$

$$\begin{aligned} \text{Area of section B} &= 400 \times 300 \\ &= 120\,000 \text{ cm}^2 \end{aligned}$$

$$\begin{aligned} \text{Area of the auditorium} &= 720\,000 + 120\,000 \\ &= 840\,000 \text{ cm}^2 \end{aligned}$$

$$\begin{aligned} \text{Area of one tile} &= 25 \times 25 \\ &= 625 \text{ cm}^2 \end{aligned}$$

$$\begin{aligned} \text{Number of tiles to be used} &= \frac{\text{Area of the auditorium}}{\text{Area of 1 tile}} \\ &= \frac{840\,000}{625} \\ &= 1344 \end{aligned}$$

Answer _____ **1344** _____ tiles

(b) If the cost of one tile is \$3.50, what will be the total cost of the tiles? [1]

$$\begin{aligned} \text{Total cost of tiles} &= 1344 \times \$3.50 \\ &= \$4704 \end{aligned}$$

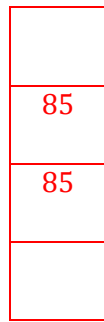
Answer \$ _____ **4704** _____

38. There are 380 Styrofoam boxes (medium and large) in a Chinese restaurant.

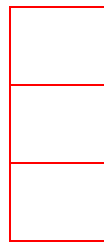
Half of the medium boxes is 85 more than $\frac{1}{3}$ of the large boxes.

How many large boxes are there in the restaurant?

[4]



Medium
boxes



Large
boxes

$$\text{Total} = 380 \text{ boxes}$$

$$\begin{aligned} \text{Excess} &= 85 + 85 \\ &= 170 \text{ boxes} \end{aligned}$$

$$\begin{aligned} \text{Removing excess} &= 380 - 170 \\ &= 210 \text{ boxes} \end{aligned}$$

$$5 \text{ bars} = 210 \text{ boxes}$$

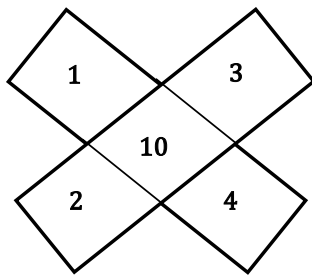
$$\begin{aligned} 1 \text{ bar} &= \frac{210}{5} \\ &= 42 \text{ boxes} \end{aligned}$$

$$\text{Number of large boxes} = 3 \times 42$$

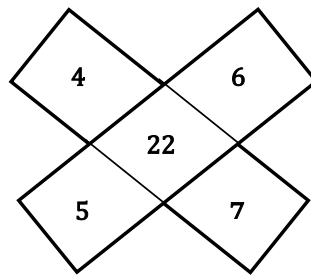
$$= 126 \text{ large boxes}$$

Answer _____ **126** _____ large boxes

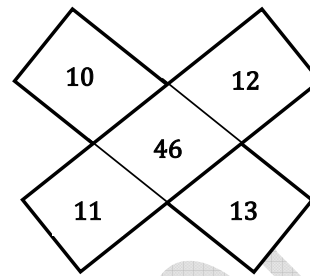
39. The first four elements of a pattern are shown below.



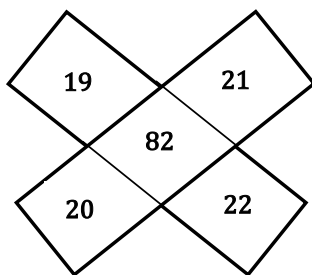
1st



2nd



3rd



4th

(a) Explain the pattern rule.

[2]

Answer: Each term on the outer blades is being increased by multiples of 3.

For example: $1 + 3 = 4$

For example: $4 + 6 = 10$

For example: $10 + 9 = 19$

Also, the centre is the sum of the numbers on the outer blades: $1 + 2 + 3 + 4 = 10$

OR

The centre increases by multiples of 12 as the pattern progresses.

(b) Draw the 6th element.

[2]

$$19 + 12 = 31$$

$$31 + 15 = 46$$

$$20 + 12 = 32$$

$$32 + 15 = 47$$

$$21 + 12 = 33$$

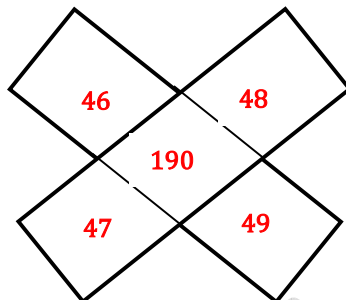
$$33 + 15 = 48$$

$$22 + 12 = 34$$

$$34 + 15 = 49$$

$$31 + 32 + 33 + 34 = 130$$

$$46 + 47 + 48 + 49 = 190$$



6th element

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40. Kylie spent 30% of her salary on rent and gave her sister, Renee, 20% of the remainder.
Kylie was left with \$980.

(a) Calculate the total amount of Kylie's salary.

[3]

Percentage spent by Kylie = 30%

$$\text{Fraction spent by Kylie} = \frac{30}{100} = \frac{3}{10}$$

$$\begin{aligned} \text{Remainder after rent} &= \frac{10}{10} - \frac{3}{10} \\ &= \frac{7}{10} \end{aligned}$$

Renee received 20% of the remainder.

$$\begin{aligned} \text{Fraction received by Renee} &= \frac{20}{100} \times \frac{7}{10} \\ &= \frac{7}{50} \end{aligned}$$

$$\begin{aligned} \text{Fraction of salary spent and given away} &= \frac{3}{10} + \frac{7}{50} \\ &= \frac{11}{25} \end{aligned}$$

$$\begin{aligned} \text{Fraction of salary remaining} &= \frac{25}{25} - \frac{11}{25} \\ &= \frac{14}{25} \end{aligned}$$

Kylie was left with \$980.

$$\text{So, } \frac{14}{25} \text{ of her salary} = \$980$$

$$\begin{aligned} \text{Entire salary} &= \frac{980}{1} \times \frac{25}{14} \\ &= \$1750 \end{aligned}$$

Answer \$ 1750

(b) Calculate the amount of money Renee received.

[1]

$$\text{Entire salary} = \$1750$$

$$\text{Fraction received by Renee} = \frac{7}{50}$$

$$\begin{aligned} \text{Amount of money Renee received} &= \frac{7}{50} \times \$1750 \\ &= \$245 \end{aligned}$$

Answer \$ 245

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