ELA ANSWER BOOKLET

MOCK TESTS 1-5

MOCK TEST 1

SECTION 1

TASK 1 – Spelling

1. supervisor

2. exemplary

3. committee

4. complimented

5. already

6. successful

TASK 2 – Punctuation

7. "Wild Poinsettia"

8. flower.

9. Governor,

10. Independence

11. country's

12. emblems:

TASK 3 – Grammar

13. me – I

14. stayed

15. ourselves

16. swam

17. flies

18. you're

SECTION II – Comprehension

19. The evidence to show that plastic is 'virtually undisposable' is some plastic materials might last up to 1000 years.

20. 'Another brain child run amok' suggests that there are other inventions which man no longer has control over.

21. The ocean is referred to as the 'global sewer' because the popular way to get rid of plastic is to throw it into the ocean.

22. When the ocean cannot absorb the plague of plastic, it 'vomits' it up onto some beaches.

23. (i) Seals get tangled up in abandoned fishing lines and nets and starve to death.
(ii) Seabirds trash themselves to death trying to get loose from abandon fishing lines and nets.

24. A simple rule you can follow to help reduce the plastic plague on the beaches is, 'If you brought it with you, take it back with you'.

25. (i) indispensable   (ii) undulating

26. A suitable title for the passage is 'The Plastic Plague'.

27. The purpose of the passage is to get people all over the world to treat the ocean with respect and not throw garbage into it.

28. You can stop buying products that are in plastic bottles or packaging.

POETRY

29. (i) The cat likes to roam at night.
    (ii) The cat likes to fight.

30. a. A kid likes to splash in a puddle.
    b. A kid doesn't like to cuddle.

31. A mom should be patient and calm.

32. The mood is one of protest. The cat, the kid and the mom are protesting against people trying to change them.

33. (i) roam   (ii) sigh

34. a. A suitable title for the poem is 'That's Who I am'.
    b. The cat, the kid, and the mom are telling us that they can't help, the way they are.

35. The kid does not understand things the same way as the mom does because he's a kid and he is not as 'wise' as his mom.

36. One lesson the poet is trying to convey to the readers is we must not try to change the way others feel.

37. 'Kids are like that' suggests that we must let kids do as they please because they are kids.

38. 'Why try to make me wise?" (Line 13).

GRAPHIC REPRESENTATION

39.   These cooking classes are held every year. They are held at Naparima Bowl, San Fernando.

40.   a. Primary school students are invited to attend these classes.
       b. They will participate in the classes from Monday 6th to Friday 10th August.

41.   'Dress code in effect' means 'a set of rules for dressing should be followed. e.g. Shorts should not be worn.

42.   Two ways you can get more information are by calling 653-1166 or checking Facebook.

43.   I think kids should learn to cook so that they do not have to depend on their parents for everything.

MOCK TEST 2

SECTION 1

TASK 1 – Spelling

1. modern	2. accommodation	3. souvenirs
4. tastes	5. experiences	6. different

TASK 2 – Punctuation

7. latest?	8. E-mail,	9. world's
10. Someone	11. that's	12. My goodness!

TASK 3 – Grammar

13. are –is	14. help	15. heavily
16. rushes	17. them - it	18. in - with

SECTION II – Comprehension

19.   Two ways certain animals repay their hosts in exchange for food are by pollinating plants and protecting them.

20. Flowers cease producing nectar after pollination because there is no more need to attract pollination.

21. Some ants protect aphids from predators by carrying them to their own nests in the evening and returning them to feed in the morning.

22. The large blue butterfly has a symbiotic relationship with red ants.

23. A symbiotic relationship is a biological term referring to the close association of two different animal or plant species living together to their mutual benefit.

24. The blind snake is referred to as a 'living vacuum cleaner' because it eats ants, flies and other insects and their larvae and pupae that are in the nest of the host.

25. (i) Egrets eat ticks and other parasites that their hosts cannot remove for themselves.
    (ii) They also alert their hosts of possible danger.

26. (i) predators   (ii) nuisance

27. (i) disperse   (ii) protect

28. The purpose of the passage is to show people that there can be similar relationships between different groups of people and greater co-operation is needed among the people of the world.

POETRY

29. The writer saw his teacher at the grocery.

30. The line 'I thought that I would die' conveys to the reader that the writer was afraid of his teacher.

31. The writer's mother was with him and this made 'matters worse'.

32. The poet couldn't hide because there were many rows of jars and cans and little room to hide.

33. 'Oh, please, I thought, don't tell my mom.'

34. Two actions that might have happened at school that the writer didn't want his mother to know about are, he might have been involved in a fight or he might have stolen something.

35. (i) normal   (ii) mumbled

36. The mood is one of humour. The poet shows us the thoughts and actions of a schoolboy who is afraid of his teacher and says at the end that teachers should not be let out on Saturdays.

37. A suitable title for this poem is 'I saw my teacher'.

38. Children should not be afraid of their class teacher because they would not be able to perform at their best. They should respect their teachers and not fear them.

GRAPHIC REPRESENTATION

39. a. The list of directions is important to the conductors of the tour at the Aripo Nature Centre Cave.
    b. They should meet the visitors at the entrance to the cave.

40. a. 'In single file' means 'one behind the other'.
    b. Visitors are asked to enter the cave in single file because everyone would know who is front of them and who is at the back. In this way not one will go missing along the way.

41. a. Oilbirds can move around in total darkness by making clicks for echo-location.
    b. The fly out at night to forage for edible fruits.

42. Visitors should not go into areas marked 'NO ENTRY' because these areas are dangerous.

43. Two reasons why visitors are asked 'not to touch anything in the cave and to keep an eye on all the children' are the cave might contain bacteria on the walls and the children might want to run off and then get lost in the caves.

MOCK TEST 3

SECTION 1

TASK 1 – Spelling

1. coporal	2. physical	3. acceptable
4. using	5. arguments	6. aggravate

TASK 2 – Punctuation

7. information?	8. "No!"	9. online,
10. The	11. see.	12. 'real'

TASK 3 – Grammar

13. off -of	14. settle	15. saw - see
16. themselves	17. countries	18. forces

SECTION II – Comprehension

19. The second paragraph of the passage describes the different types of lightning flashes.

20. People in the open are at the highest risk of being struck by lightning because they are not protected from the electrical charge.

21. 'Contrary to popular belief' means it is not true what the majority of people think is a fact.

22. (i) promptly   (ii) devastate

23. (i) rural   (ii) beneficial

24. Fires started by lightning can be beneficial to forests by reducing ground cover in low-temperature fires. This reduces the risk of more damaging high-temperature fires reaching the top of the trees.

25. One safety precaution you can take if you are out in the open during a thunderstorm is to crouch down, preferably in a hollow, with feet together.

26. Metal objects should be removed from your body during a lightning strike because metals are conductors of electricity.

27. During a thunderstorm, you can advise your parents to disconnect power sources and keep clear of windows, electrical appliances, pipes and other metal fixtures.

28. A suitable title for this passage is 'When Lightning Strikes'.

POETRY

29. Television affects a child's understanding of fantasy and fairyland by making him 'dull and blind'.

30. The child's power of thinking 'rust and freeze' because his brain becomes as soft as cheese.

31. 'We' in line 11 refers to the parents.

32. Before television was invented, the children read for entertainment.

33. The poet uses humour throughout the poem to get the reader's attention to his serious message. In lines 19 and 20 he says, 'We'll say it very loud and slow, They …used …to …read!"

34. The serious message the poet is trying to convey to the reader is that children should spend more time reading than watching television.

35. (i) clogs   (ii) galore

36. The children found books on the nursery shelves, the floor and by their beds.

37. A suitable title for the poem is 'TV'.

38. I agree with the poet because children who read in their spare time perform better in their school work than those who spend a lot of time watching television.

GRAPHIC REPRESENTATION

39. The purpose of the advertisement is to invite the public to take part in the activities in the last week of 'National Patriotism Month'.

40. If you are interested in attending the Best Village Folk Arts Festival, you must go to SAPA on 28th August at 4:00 p.m.

41. a. If you go to NALIS on August 26th, the topic to be discussed is 'Respect Your National Emblems'.
b. The activity starts at 10:00a.m.

42. a. Rita can get more information about the art competition by visiting cdca.gov.tt.
b. The theme for the art competition is 'Colour Me Trinbago'.

43. A patriotic citizen is one who loves his country and supports its interests.

MOCK TEST 4

SECTION 1

TASK 1 – Spelling

1. tourists
2. shores
3. pleasure
4. participate
5. festivities
6. friendly

TASK 2 – Punctuation

7. His
8. "Why
9. food?
10. are!
11. I'm
12. 'man-ners',

TASK 3 – Grammar

13. are – is
14. in – into
15. greatly
16. loss
17. mistake
18. them - it

19. (i) To get rid of insects.
    (ii) To get rid of pesticide residue.

20. You should cook food thoroughly to kill bacteria, viruses and parasites.

21. The health benefit of separating raw meat from cooked food at all times is to prevent the dripping of juices onto each other. The juice from the raw meat might contain germs.

22. Perishable food items are foodstuff that can spoil if they are not refrigerated.

23. You should keep food on the table covered to keep flies away.

24. (i) lukewarm   (ii) inhibit

25. You should throw 'questionable food' away because it is better to be safe than sorry. Getting sick from bad food may prove even more costly.

26. (i) Poultry should not be pink inside.
    (ii) Eggs should not have runny yolks or whites.

27. The writer included illustrations to make it easier for you to understand the steps you can take to make food safer.

28. The purpose of the passage is to inform readers about food safety tips.

POETRY

29. The waves were described as robbers because they 'stole the sand away'.

30. As he walked along the shore, this clever man noticed that the waves were getting higher than before.

31. a. They tiptoed round the harbor.
    b. 'Stone after stone he brought'(line 14) shows how hard the man worked.

32. Two words to describe the sound the waves made are 'rippling' and 'lapping'.

33.   (i) streaming   (ii) ilk

34.   a. as smooth as silk
       b. Their manner quite distraught.

35.   The waves were compared to kittens lapping milk.

36.   After the wall was built, the waves moved quietly.

37.   The man is described as being clever because he found a way to stop the waves from removing the sand on the beach.

38.   A suitable title for the poem is 'The Waves'.

GRAPHIC REPRESENTATION

39.   a. Five different movies are advertised to be shown.
       b. The group of cinemas chose these movies because their titles show the names of monsters in keeping with their theme.

40.   a. The latest showing is 8:30p.m.
       b. Godzilla is shown at that time.

41.   a. 'The Meg' might be the hardest monster to defeat because it is 'the mightiest monster of all times'.
       b. 'The Meg' is advertised to be shown at Cinema C.

42.   One incentive to encourage the family to see any of the movies together is a free bucket of popcorn.

43.   "Hold on to your seats" is included in the advertisement to try to convince you that you will be "well-entertained" for Halloween.

MOCK TEST 5

SECTION 1

TASK 1 – Spelling

1. library	2. welcomed	3. officials
4. recommendations	5. several	6. forward

TASK 2 – Punctuation

7. Tobago,	8. beaches.	9. islands'
10. Wow!	11. orchestras,	12. for?

TASK 3 – Grammar

13. are - is	14. governed	15. off – of
16. clearly	17. guarantees	18. cannot- can

SECTION II – Comprehension

19.   The main way the flu virus spreads from person to person is by droplet inflection.

20.   When coughing or sneezing, an infected person should use disposable tissues to cover his/her mouth and nose.

21.   Two things you should disinfect during a flu outbreak are your doorknobs and remote controls.

22.   (i) Get sufficient sleep
(ii) Eat food that will help the body strengthen its defences.

23.   Two symptoms of the flu which are more common in children than in adults are vomiting and diarrhoea.

24.   a. You should take anti-viral drugs soon after the onset of symtoms.
b. You should seek medical care if you show pneumonia –like symptoms.

25.   When you have the flu virus, you can show consideration for others by staying home to avoid infecting them.

26.   (i) commandeers   (ii) ventilation

27.   A suitable title for the passage is "Protect Yourself from the Flu Virus".

28.   The purpose of the passage is to inform people how they can take basic protective steps to protect themselves and others from the flu virus.

POETRY

29.   The best time to ride is in the cool, fresh dawn.

30.   Two words from the poem that appeal to the sense of hearing are 'whirring' and 'humming'.

31.   The rain 'stings the rider's cheeks with a strange, sweet pain'.

32.   The mood of the poem is one of happiness.
        This is shown in line 7, 'Oh, what could equal the breathless thrill'.

33.   Two words which describe the road are long and winding.

34.   a. The rider does not know where he is going.
        b. The rider will return when the sun goes down.

35.   The rider challenges the clouds to travel as fast as he is going.

36.   An example of alliteration in the poem is 'while the wheels whir'..

37.

Feelings	Details
brave	The rider goes on a swift mad coast ride down a plunging hill.
confident	The rider challenges a bird to see who will tire first.
carefree	The rider's head is bare to the rushing breeze.

38.   A suitable title for the poem is 'Riding My Bicycle'.

ANSWERS FOR MOCK TEST 1

SECTION 1

1. Two hundred and three thousand and fifty-two.

2. 864 3. 0·2 4. 553

5. 55% 6. = 7. $560

8. $\frac{1}{3}$ or $\frac{2}{6}$ 9. 2·05 10. 60%

11. 2:45 12. 2030 grams 13. 4 ½ km

14. 2 packages (2kg and 1 kg) 15. Less than a ¼ turn 16. 2 faces

17. A 18. 70 19. 44 students

20. 5 years

SECTION 2

21. 42 22. 2 ½

23. Student B. Student B used equivalent fraction with same denominator
e.g. $\frac{2}{5} = \frac{4}{10}$ and $\frac{4}{10} + \frac{3}{10} = \frac{7}{10}$

24. $11.25

25. Yes. He used repeated subtraction. From repeated subtraction, division concept is understood easily.

26. $6180 27. $600 28. 1.5 and 0.5

29. a. 34, 55 b. Adding preceeding numbers e.g. $1 + 2 = 3$, $3 + 2 = 5$ etc.

30. 6 weeks

31. 6cm 32. 8:30a.m.

33. a. 4.5cm² b. 9.0cm³

34. $24.00: Teacher identify 6 halves as 3 wholes and multiplied $4.00 x 6 = $24

35. a.   b.
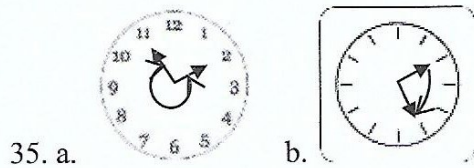
36. The triangles are similar and not congruent because of equal angles and proportional sides or corresponding sides to equal angles. The triangles are equiangular triangles.

37. 80

38. a.

b. Two right angled triangles
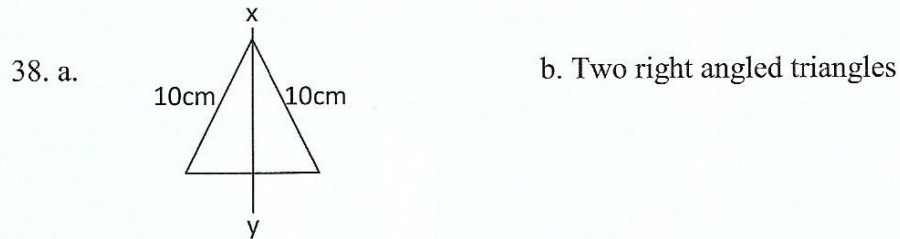
39. BUS

40.
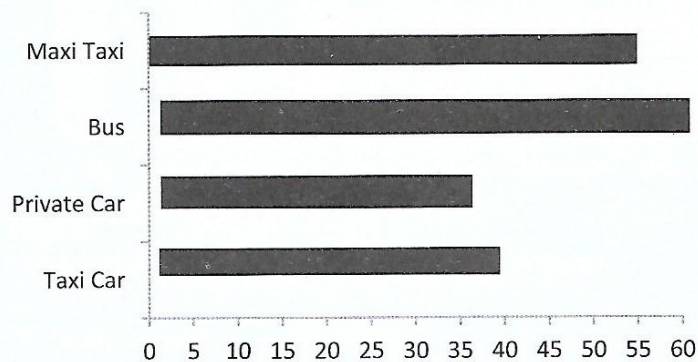
SECTION 3
41. a. 6000 persons   b. 12 000 persons

42. a. John $4500   b. Joey $3375 c. $3958

43. a. Perimeter = 94cm   b. 4cm

44. a.
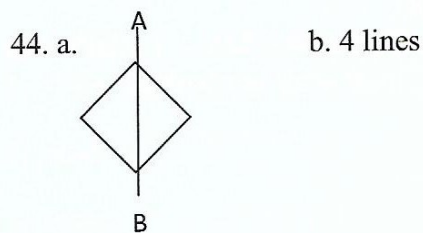
b. 4 lines

c. Square

Explanation: Square: 4equal sides and 4 right angles, when folded has 4 lines of symmetry.
Rhombus: 4 equal sides, opposite angles are equal, 2 lines of symmetry.

45. a.

Colours	Number of Each Colour	Total
Red	⅏ |||	8
Blue	||||	4
White	⅏	5
Green	⅏	5
Brown	⅏	5
Yellow	|||	3

b. Modal colour: Red

ANSWERS FOR MOCK TEST2

SECTION 1

1. 2997 – Two thousand nine hundred and ninety seven.

2. ☐ = 75

3.

 $\frac{3}{8} = 37\frac{1}{2}\%$

4. $\frac{31}{4}$

5. $\frac{1}{6}$

6. 308 shells

7. 5·73

8. 18 times

9. 76

10. $1\frac{1}{3}$

11. 8cm²

12. 1·25 kg

13. 24 students

16

14.

15. 0 lines of symmetry

16.
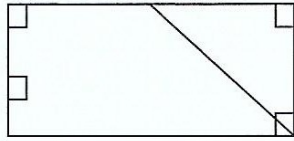
New shape = rectangle

17. Shape B

18. Mode = 8

19. 87 marks

20.

Favourite Flavoured Cupcakes
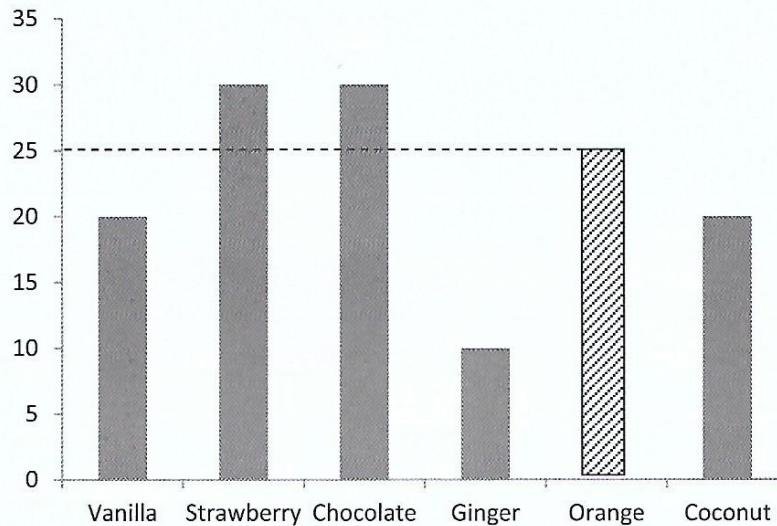
SECTION 2

21. a. Vendor B = 350 fruits   b. Vendor C = 280 fruits   c. 880 fruits

22. 1728 tomato plants

23. $216

24. a. Student B = 5·0

b. Student A multiplied 0·5 × 10 = 5·0 and divided 2·5 ÷5 = 0·5
Student B multiplied both sides by 10 and then divided.
2·5 × 10 = 25·0,   0·5 × 10 = 5·0
Values have not changed, 25·0 ÷ 5·0 = 5·0

25. $16 320

26. a. $\frac{1}{3}$ b. $400

27. $1\frac{2}{3}$

28. $\boxed{12}$ × 9 = $\boxed{108}$ − 8 = 100

17

29. 160 oranges

30. Lue = $1100, Victor = $700, Michael = $700

31. a. 240 000cm³

b. Capacity refers to the amount of liquid the container can hold. Volume is measured in cm³, while capacity is measured in litres. e.g. 1000 cm³ = 1 litre
∴ Volume 240 000cm³ ÷1000cm³ = 240 litres
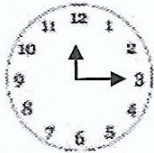
32. 12:15p.m.

33. $10·00

34. 20 packs

35. Less than a ¼ turn

36.
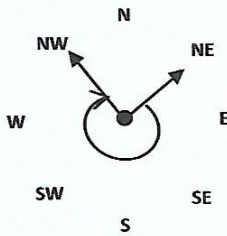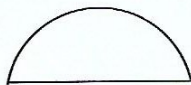
37. a. 1 line of symmetry
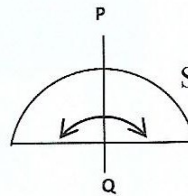
b. Symmetrical line PQ
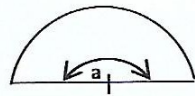
c. a = 2 right angles

38. Mean weight = 60·5 kg

39. 55 persons

40. Most Popular = Roti   Least Popular = Soups and Bake and shark

18

41.

Names	Places	Points Awarded			
		1st throw	*2nd throw*	*3rd throw*	*Total Points*
Renn	1st	15	25	10	50
Chin	2nd	25	10	5	40
Kyle	3rd	15	10	5	30

42. a. Solution 2

b. The chickens are sold 'live'. The 6 remaining chickens cannot be killed and shared, giving each buyer $\frac{1}{4}$.

43. a. Shortest side = 4 cm   b. 15cm   c. 39cm

44.

Properties of shapes	Shape				
	Square	Rectangle	Parallelogram	Rhombus	Trapezium
All Quadrilaterals	√	√	√	√	√
4 right angles	√	√	o	o	o
4 equal sides	√	o	o	√	o
2 pairs of parallel sides	√	√	√	√	o
The sum of the interior angles equal to 4 right angles	√	√	√	√	√

*5 correct responses = 1 mark

45. a. 165 metres   b. 33 metres

c. Pattern: Measurement of 10 metres more on the 2nd day, followed by 5 metres less on the 3rd day, then 10 metres more on the 4th day, followed by 5 metres less on the 5th day.

Measurements   25m → 35m → 30m → 40m → 35m

                          1st   2nd   3rd   4th   5th

ANSWERS FOR MOCK TEST3

SECTION 1

1. $736 \cdot 45 = (7 \times 100) + (3 \times 10) + (6 \times 1) + (4 \times \frac{1}{10}) + (5 \times \frac{1}{100})$

2. $183 \cdot 05$ = One hundred and eighty three and five hundredths

3. $0 \cdot 05$ 4. $0 \cdot 35$ 5. 24 students

6. $180 450·00: One hundred and eighty thousand four hundred and fifty dollars.

7. ☐ = 2   8. 0257, 2075, 5207, 5702, 7025

9. $205 \frac{7}{9}$ 10. $176.35   11. $x = 6$ cm

12. 1:55a.m. 5mins to 2 a.m.   13. 4050 grams   14. 32ml cups

15. 3 - 40 cm edges, 6 – 10cm edges

16. Pyramid   17. ¾ turn = 3 right angles

18. 87 students   19. = 3 students   20. 318

SECTION 2

21. a. 20 chairs   b. 32 chairs   22. 40% travelled by bus

23. $2875   24. 32 ½ % or 32·5 %

25. Process: Problem 3d – 3d with regrouping in ones and tens. Teacher regrouped hundreds to tens then tens to ones, and subtracted as seen.

26. 38 years

27.

Decimal Fraction	Percentage	Common Fraction
1·02	102%	$1\frac{1}{50}$ or $1\frac{2}{100}$

28. 420 boxes   29. a. 320   b. 320

29. c. The answer is the same because multiplication is commutative. e.g. $6 \times 4 = 24$, $4 \times 6 =$

30. a. 2nd student   b. Explanation: 1 is not a Prime Number. It is a whole number. A prime number has only 2 factors, 1 and itself. e.g. 5 is a Prime Number because it has two factors 1 and itself; unlike 1 which factor is only 1.

31. 3500 grams   32. 12 flags

33. $\boxed{21:05}$

34. a.

= 1 cm square

   b. Length of 3rd line = 5cm

35. Diagram B

36. a. Triangular based pyramid   b. 4 faces   c. 6 edges

37. XY is not a line of symmetry, because when folded, the triangles will not fit upon each other. A line of symmetry divides the shape/solid into 2 equal and exact parts.

38. a. Modal mark = 18   b. 15marks

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34. a.

= 1 cm square

   b. Length of 3rd line = 5cm

35. Diagram B

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37. XY is not a line of symmetry, because when folded, the triangles will not fit upon each other. A line of symmetry divides the shape/solid into 2 equal and exact parts.

38. a. Modal mark = 18   b. 15marks

39. a.

Ages of Five Friends at Year 2018
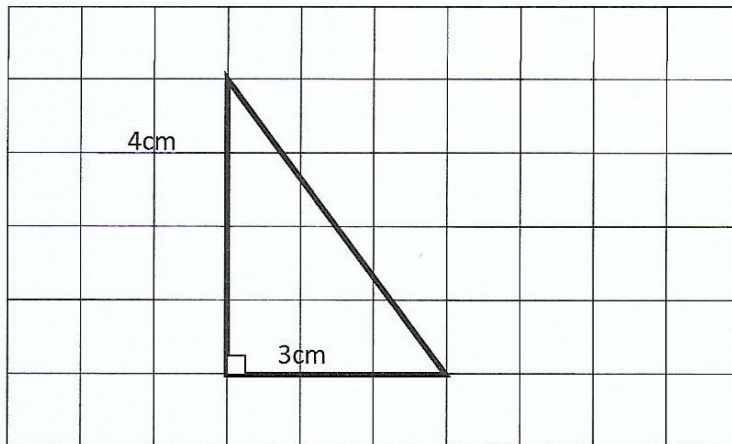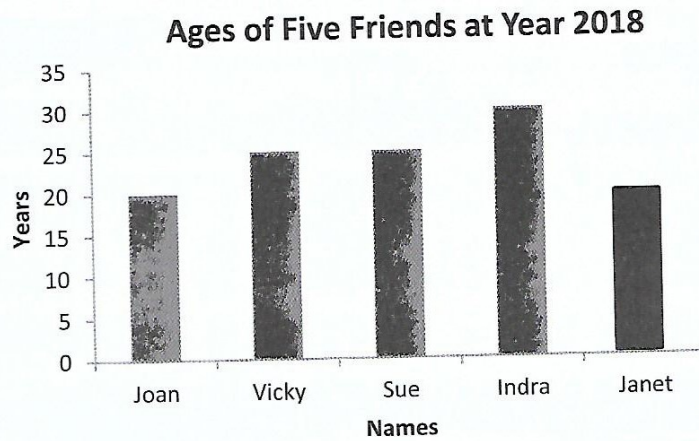
b. Jane was born in 1998

40. a. 420 houses   b. 16%

SECTION 3

41. a.

Items	Quantity	Unit Cost ($)	Total Cost ($)
Stickers	15	$0·65	<u>$9·75</u>
Posters	<u>9</u>	$12·50	$112·50

b. Anna made a profit.
        Stickers sold
0·75 ₵ × 8 = $ 6·00
0·60 ₵ × 7 = <u>$ 4·20</u>
   Total   <u>$10·20</u>

Profit = C.P. − S.P.
      = $10·20 − $9·75
Profit = 0·45cents

42.

Persons	Number of tickets sold	Total Cost ($)
Under 12 Years	150	$ 3 750·00
Teenagers up to 19 years	200	$ 8 000·00
Adults up to 60 years	100	$ 6 000·00
Adults over 60 years	75	$ 3 750·00
Total	525	$21 500·00

43. 2500 cubes

44. a. ¾ turn   b. South East (S.E,)

45. a. Year 2016 - 225 vehicles
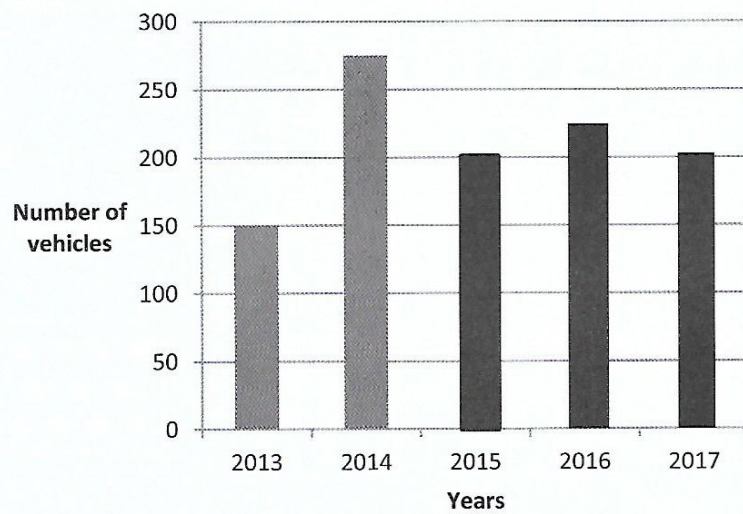
b.
c. Between 2013 and 2014

SECTION 1

1. 30·1

2. 6·14

3.

Tens of Thousands	Thousands	Hundreds	Tens	Ones	Tenths	Hundredths
	2	4	0	1	4	3

4. 60%

5. 0·6

6. 26 tenths

7. Shade 2 squares out of 100

8. $97·20

9. 9
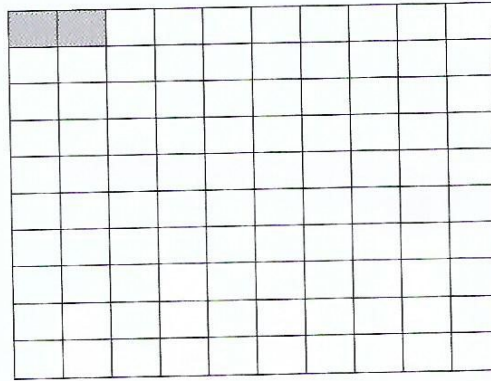
10. 2 × 3 × 5   Prime Factors of 30

11.
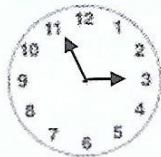
12. 9 cm

13. 7 - 2 litre bottles

14. 20 - 125g pieces

15.
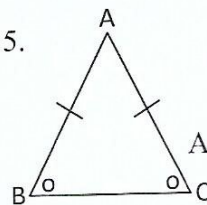
AB = AC, angle ABC = angle ACB

16. Square: all angles are equal (right angles) and all the sides are equal. Opposite angles in the parallelogram are equal, or only opposite sides are equal.

17. ½ turn

18. 80 marks

19. = 4 runs

20. 300

SECTION 2

21. a. $1 \times 10 \times 8000$ | is greater than | $80 \times 1000 \times 0$

   b. Any number multiply by $0 = 0$ e.g. $80 \times 1000 \times 0 = 0$
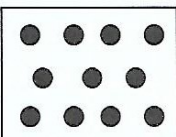
22. 15 heads of lettuce

23. a Student B = 81   b. Student 1 multiply $9 \times 2 = 18$ not 9^2 . $9^2 = 9 \times 9 = 81$

24. $9\frac{1}{3}$

25. a. \$33·75   b. \$41.75

26. a. 163 crates   b. 5 eggs   c. 121st crate

27.

   Fig 5

28. a. $\frac{1}{12}$ b. 75 000 grocery items

29. a. 1st digit 8 = 8000, 2nd digit 8 = 8 ones

   b. Difference in value = 7992

   c. Values of digits are different because of its position in the number
      e.g.   TTh   Th   H   T   O
             3   8   4   5   8
      Our number system is a base 10 system or refered to as a decimal system.
      e.g. 10^0 , 10^1, 10^2, 10^3,
         1,   10 ,   100,   1000 etc
      One, ten, hundred, thousand etc.

30. 2
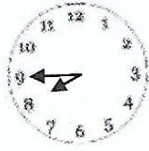
31. 7:45p.m.

32. Area of Room = 48m²
    Area of Rug = 12m²
    Area not covered = 36m²

33. a. Tito's weight = 90·06 kg   b. Total weight = 229·86kg

34. a. Linear Measure identifies lengths of objects e.g. the length of a road, the height of a
    person, the width of a room, etc. Length is measured in cm, m, km.(linear metre units)

    b. Square measure identifies the area of floors, fields etc. and it is measured in square un
    cm², m², km² etc. It is a measure of length × width or breadth.

    c. Cubic measure refers to volume or space occupied by an object. It is measured in cubi
    unit e.g. cm³, m³, km³ etc. It is measured by length × width × height. A 3 dimensiona
    measure.

35.
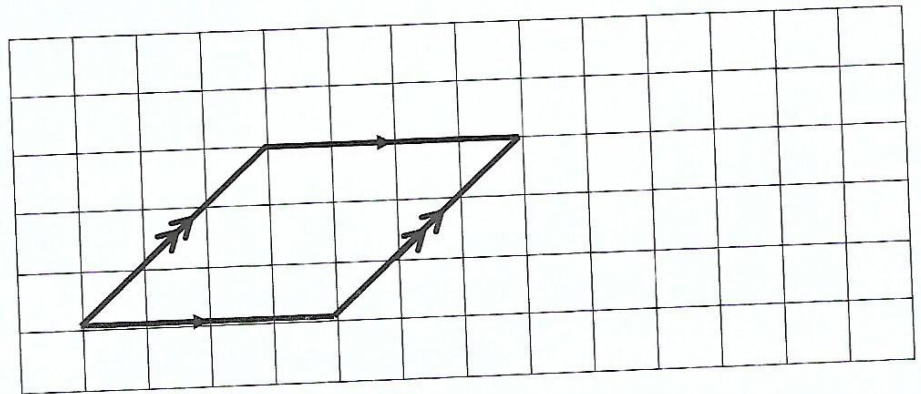
36.
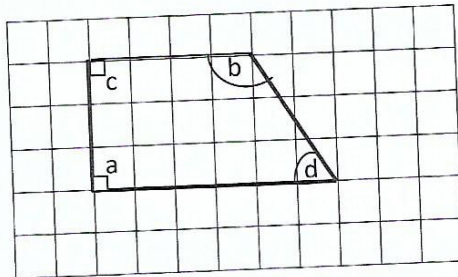
37. a.
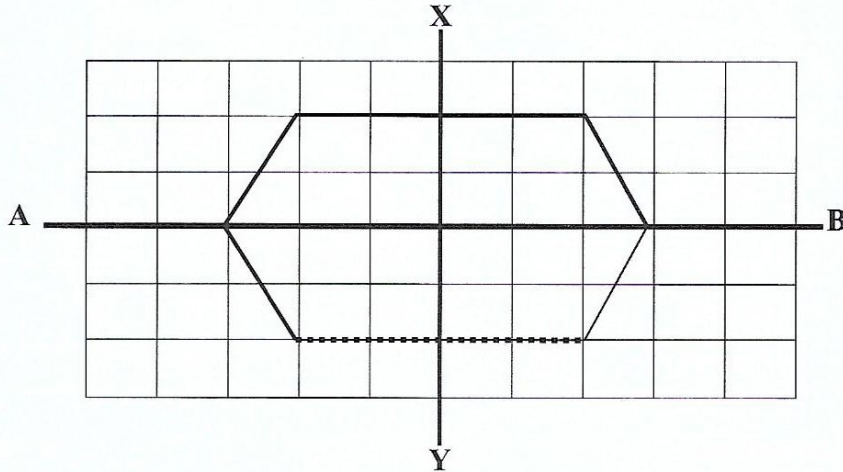
b. Yes there is another symmetrical line – XY

38. a. 45 years   b. 8 years   c. 1 set of twins

39.

Students	Tally	Frequency
Pete	𝍷𝍷𝍷 ‖	17
James	𝍷𝍷 ‖‖‖	13
Ravi	𝍷𝍷𝍷	15
Chen	𝍷𝍷𝍷 ‖‖‖	**18**
	Total	63

40. 62 runs

SECTION 3

41. a. $\frac{4}{15}$ b. $\frac{8}{15}$ plums   c. 600 plums   d. 160 plums

42. a. 900 green apples b. 1350 yellow apples   c. 4050 apples   d. 81 boxes

43. a. $33·00   b. $31·00

44. a. AB and XY are labelled lines of symmetry because when the shape is folded at each symmetrical line, they fit exactly on each other.

   b. squares = 5 squares   triangles = 12 triangles

27

45. a.

Tom		Gerry	
Subjects	*Marks*	*Subjects*	*Marks*
Maths	<u>80</u>	Maths	<u>90</u>
Language Arts	75	Language Arts	<u>60</u>
Social Studies	<u>60</u>	Social Studies	55
Science	<u>70</u>	Science	<u>80</u>
Spanish	<u>50</u>	Spanish	<u>50</u>

   b. Tom's mean   = 67 marks
      Gerry's mean = 67 marks

ANSWERS FOR MOCK TEST 5

SECTION 1

1. 1110101
2. Student A and B values are equal 530 hundreds = 53000 ones and 53000 ones = 530 hund

HTh	TTh	T	H	T	O
	5	3	0	0	0

3. 336 buttons   4. $\frac{11}{4}$ 5. $\frac{2}{5}$

6. 40 hundredths   7. $x = 1.75$ 8. 36

9. 16   10. 0.65   11. 48cm²

12. 11:55a.m.   13. 7 - ½ kg packages   14. $50.00

15. triangular based prism

16. trapezium

17.
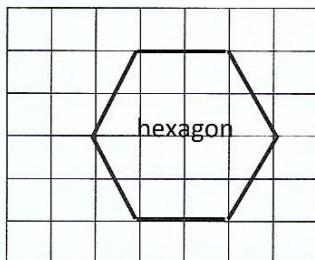
18. Raul 3rd place   19. 12 seconds   20. 95 marks

SECTION 2

21. a. 855 chickens   b. 228 turkeys   c. 735 poultry animals

22. a. Group 2

   b. Find the total marbles in the 5 sets = 45; place the marbles 3 in a set then
      $45 \div 3 = 15$ sets

23. $3\frac{3}{5}$ 24. Figure 5   17 squares
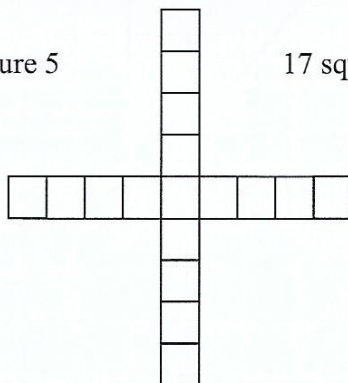
25. 380 persons   26. a. $1 + 3 + 5 = 9 = 3^2$
                                         $1 + 3 + 5 + 7 = 16 = 4^2$
                                         $1 + 3 + 5 + 7 + 9 = 25 = 5^2$
                                         $1 + 3 + 5 + 7 + 9 + 11 = 36 = 6^2$

26. b. Adding consecutive odd numbers give the answers as square numbers.

27. 12 mangoes   28. 87 ½ % or 87.5%

29. $4000

30.

Denominations	Number	Denominations	Number
$50	2	$5	3
$20	3	$1	5
$10	2		

Total number = 15 bills

31.
```
   m    cm
   6    56
×        6
  39    36
```

Answer: 39m 36cm
Express in metres to the nearest tenth = 39·4m

32. a.
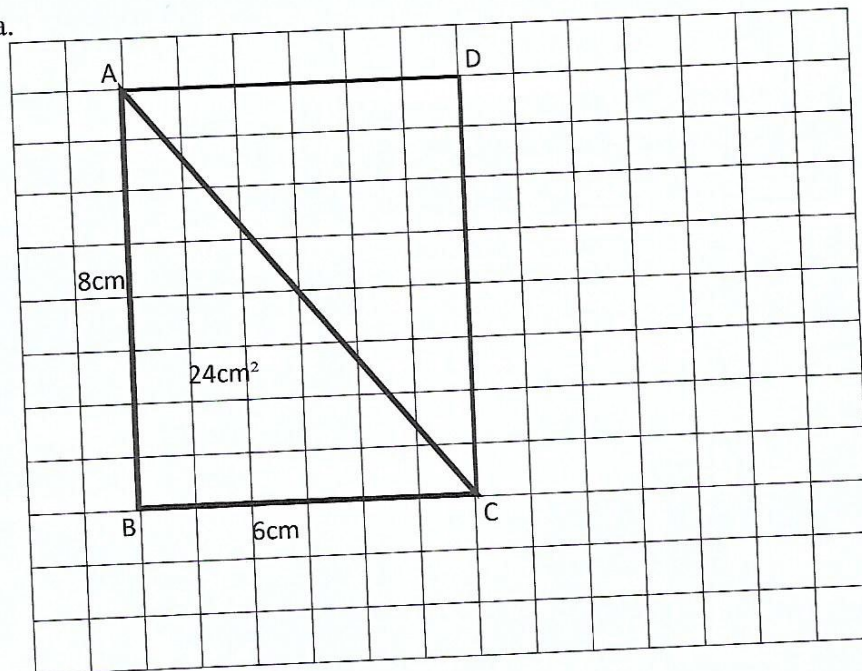
1cm²

b. Verification: Area of rectangle 8 × 6 = 48cm²
   Area of triangle = ½ area of rectangle = 24cm²

30

33.
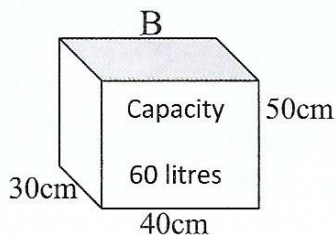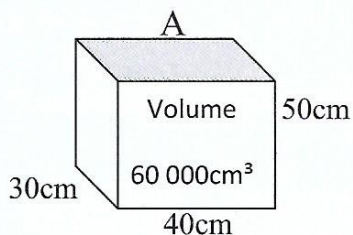
Volume in Cuboid A $= L \times W \times H$
$= 40 \times 30 \times 50$
$= 60\ 000cm^3$
Capacity in Cuboid B $= 60\ 000cm^3 \div 1000cm^3$
$= 60$ litres

Volume is space totally occupied by the container and is measured in cubic units.

Capacity refers to the number of litres of liquid the container can hold as seen in container B.

34. Wednesday

35. a.

Name of Quadrilateral	Number of Right Angles	Number of Parallel sides	Number of Lines of Symmetry
Square	4	2 pairs	4
Rectangle	4	2 pairs	2
Trapezium	0	1 pair	1

b.

trapezium

36.

37.

P

Q
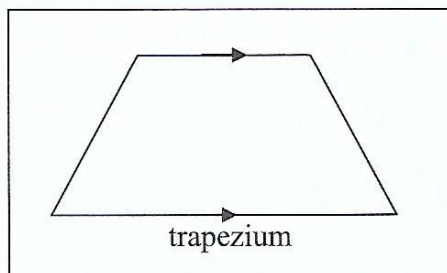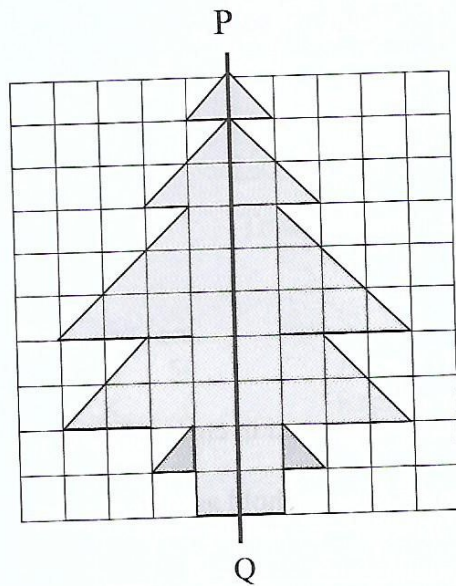
38. 90 marks

39. a. $210 000   b. Athletics

40. a.

Sporting Activity	Cricket	Football	Basketball	Netball	Atheletics
Thousands of Dollars	40	50	35	30	55

Sponsors' Expenditure On Various Sports

b. Athletics: Running, long jump, high jump, pole vaulting, swimming, diving, cycling, walking, etc. (Any 3)

c. 50%

SECTION 3

41. a. Descending Order of Magnitude $\frac{1}{2}, \frac{1}{3}, \frac{1}{4}, \frac{1}{6}, \frac{1}{12}$

b.
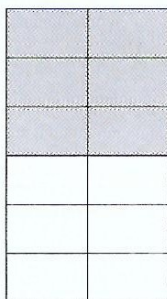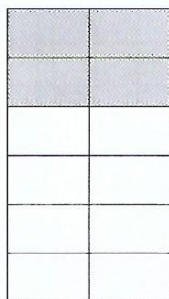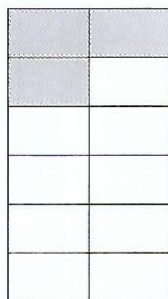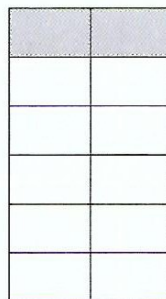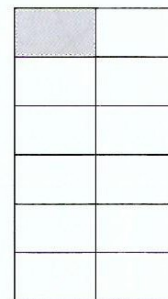
$\frac{1}{2}$ $\frac{1}{3}$ $\frac{1}{4}$ $\frac{1}{6}$ $\frac{1}{12}$

c. To arrange the fractions in descending order of magnitude –
    1st: find the L.C.M. 12.
    2nd: Find the equivalent fraction with the denominator 12. e.g. $\frac{1}{2} = \frac{6}{12}$ etc.
    3rd: Arrange in desceding order, starting with the greatest valued fraction and so on.

42. a. Interest on Ann's loan = $6000
    Interest on Paula's loan = $6000
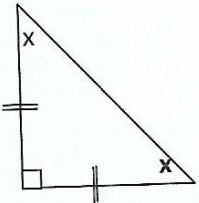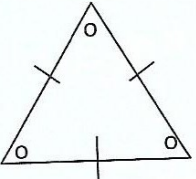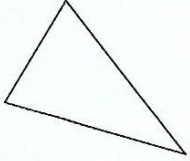   There is no difference in interest payments.
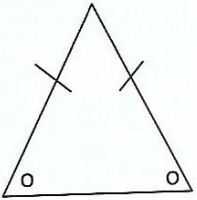
    b. Ann $21 000   c. Paula
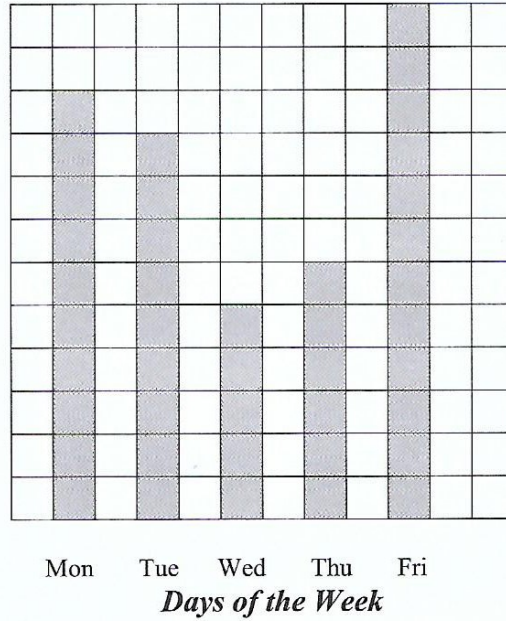   Paula $21 000

43. a. Sunday   b. Saturday   c. Year 2007

44.

Triangular Shapes	Name	Number of equal angles	Number of Symmetrical Lines
	Isosceles	2	1
	Right Angled Isosceles	2	1
	Equilateral	3	3
	Scalene	0	0

45. a. Mean number of student absent = 42

b. Students' absence for the week.

Mon   Tue   Wed   Thu   Fri

Days of the Week

c. Key: ☐ = 5 students