

Distinction Test Papers

Grade 5

Maths/English/French

English: Model 1

Question 1:

1B ; 2B ; 3D ; 4B ; 5A

Question 2:

- 1 She was having trouble seeing objects that were far away
2. He put special lenses in front of Linda's eyes.
3. She was very happy.
4. An optometrist is an eye doctor. An optician helps you pick out frames for your glasses and fits the lenses.
5. She will be able to see everything clearly.

Question 3:

1. for
2. myself
3. will
4. zoo
5. swarm
6. which
7. cleverer
8. florist
9. lend
10. Although

Question 4:

1. will/go
2. locked
3. comes
4. does/smoke
5. are
6. are sold
7. Are/ listening
8. travelling

Question 5 (Part A):

bus – down – driver – wrong – time – mechanic – help – friends – parents – outside

Question 5 (Part B):

played – tired – engine – friend – home
(or any other acceptable answers)

ENGLISH 2017

Question 1

1. Outside the school's gate B
2. The sea was rough C
3. Alone D
4. High up on the mango tree A
5. Obedient C

Question 2

1. The pupils were excited because they were going to spend a day at the seaside.
- 2 Two teachers and the headmaster.
3. Playing football / collecting shells/
building sand castles
4. Because he saw five fierce monkeys high up on the mango tree.
5. He felt ashamed of himself.

Question 3

1. us
2. in
3. which
4. eating
5. heavier
6. themselves
7. wasn't
8. safely
9. pack
10. never

Question 4

1. gives
2. are working
3. used
4. borrow
5. broke
6. was going
7. will miss
8. has landed

Question 5 (part A)

his - reached - hungry - sleep - lights
hiding - goods - hesitating - door - loudly

Question 5 (part B)

they - fast - swim - with - much

ENGLISH 2018

Question 1

1. stupid B
2. the king C
3. disappointed D
4. sat down A
5. The clever wife B

Question 2

1. (i) He cut the customer's ears instead of their hair
(ii) While shaving the customer, he cut their cheeks
2. Because it was a piece of unused land which was found far outside the city.
3. The plan of the wife was to have the land ploughed.
4. Because he went to call his companions as soon as the barber's wife went home.
5. By selling the vegetables which she grew in the field.

Question 3

1. crowd
2. any
3. firemen
4. which
5. Although
6. strongest
7. of
8. ourselves
9. off
10. saw

Question 4

1. washes
2. caught
3. will take
4. am
5. reached
6. swimming
7. is waiting
8. were playing

Question 5 (part A)

born - younger - famous - idea - travelling -
immediately - to - every - with - when

Question 5 (part B)

writing - and - her - like - countries

ENGLISH 2019

Question 1

1. many people came to see them D
2. family C
3. wanted to have popcorn B
4. excited A
5. animals B

Question 2

1. (i) The performance of the circus animals.
(ii) The clowns throwing balls in the air.
2. Because they didn't want to miss the show.
3. (i) When they jumped high in the air.
(ii) When they moved their bodies in different ways.
4. They were impressed.
5. Because she had spent a wonderful moment at the circus.

Question 3

1. under 2. best 3. its 4. themselves 5. who
6. much 7. as 8. courageously 9. mechanic \
10. didn't he

Question 4

1. finished 2. is playing 3. borrows 4. take
5. close 6. will stay 7. have seen 8. was sleeping

Question 5 (part A)

1. well 2. early 3. Friendly 4. making 5. chance
6. very 7. So 8. in 9. herself 10. changed

Question 5 (part B)

1. give 2. surprised 3. returned 4. said 5. to

ENGLISH 2021

Question 1

- 1D 2A 3C 4B 5B

Question 2

1. Mrs Joe forced Reva to work hard all day.
2. Reva gave the old woman water to drink.
3. Everytime Reva speaks, a jewel will come out of her mouth.
4. Mrs Joe wanted Tara to receive the same gift as Reva.
5. Because Mrs Joe had no other choice as she knew Reva would help her to become wealthy.

Question 3

1. isn't 2. to 3. ourselves 4. their 5. some 6. fastest 7. but 8. who 9. courageous

10. bunch

Question 4

1. repairs 2. will go 3. celebrated 4. finishing 5. are reading 6. rains 7. carry 8. has left

Question 5 (Part A)

- on, storm, strong, passengers, his, danger, losing, my, shouted, grateful

Question 5 (Part B)

- was, and, they, that, went

Question 6

1. The weather is sunny.
2. A man is cutting down a tree with an axe.
3. A boy is feeding the ducks near the lake.
4. A beautiful girl is putting some grains to make the plants grow healthier.
5. A boy is planting several flowers/plants.
6. Some birds are flying in the sky.
7. A cute girl is picking fruits and put them in a basket.
8. The picture shows a beautiful place with a lake and a mountain range.

English 2022

Question 1

- 1B 2C 3C 4D 5A

Question 2

1. - The frog refused to be friend with the elephant.
- The rabbit said that the elephant is big and will crush him if the play together.
2. Because the elephant is big and she will destroy the tress where the monkey live in.
3. There will be no water left in the pond.
4. Jumbo ran after the tiger and gave him a big kick.
5. No matter how you look, you can still be a very good friend.

Question 3

1. in 2. themselves 3. few 4. more expensive 5. because 6. this 7. mechanic 8. won't you 9. flock 10. yet.

Question 4

1. are 2. baked 3. will meet 4. saw 5. do 6. eating 7. is cooking 8. were fighting

Question 5 (part A)

- time, enough, worried, wondered, near,

look, her, best, do, that

Question 5 (Part B)

wake, the, dirty, with, beautiful

Question 6

1. It is a rainy day.
2. There are some students in the school yard.
3. A parent is accompanying his daughter at school.
5. Some kids are jumping in puddle.
6. A boy is running while holding a book above his head .
7. The students are wearing raincoat.
8. A girl is carrying an umbrella.
9. A bus is splashing water on a passerby.
10. Two students with their bag on their back are running towards the bus.

English 2023

Q1

1B 2C 3D 4C 5B

Q2

1. Because they wanted to have fresh fish for lunch
2. Because he wants to bring some fish home for dinner.
3. Because Nico was worried that Tony might have to stay till late in the afternoon to catch some fish.
4. Because he did not bring a big pan to cook the big fish.
5. To cut the big fish into smaller pieces to fit them into your pan.

Q3

1. in 2. What 3. fastest 4. isn't 5. more colourful
6. themselves 7. crowd 8. plumber 9. barking
10. Although

Q4

1. attract 2. go 3. ate 4. is ringing 5. will read
6. raining 7. was sleeping 8. have finished

Q5 PartA

metres, few, because, live, and, to, guides, year, health, give

Q5 Part B

drink, have, thing, is, can

Question 6

An accident has happened.

A van collided with a car

The police interrogating the people.

Police is controlling the traffic by stopping vehicles and letting people crossing.

A woman is talking with her phone informing her relative about the accident.

Children are afraid.

The traffic light is broken and has fallen on the street.

The injured persons are taken to the ambulance.

English 2024

Q1

1A 2B 3B 4D 5C

Q2

1. Fifi and Jim played together.
2. One Saturday morning
3. (i) Her heart was filled with worry.
(ii) She was relieved and very happy.
4. Fifi promised to be more careful and make sure that Jim would never get lost again.
5. She should be more careful and kept a watchful eye on Jim.

Q3

1. where 2. to 3. himself 4. at 5. smaller 6. didn't
7. bakery 8. chef 9. delighted 10. because

Q4

1. rises 2. visited 3. want 4. will meet 5. started
6. were eating 7. is doing 8. has bought

Q5

big, famous, cannot, is, tree, colours, its, full, tiny, years

Q6

are, their, to, named/called, like

French

Model 1

Question 1:

1D 2A 3C 4D 5B 6A 7D 8B 9C 10A

Question 2A

- (i) Nous ne nettoyons pas la maison de fond en comble.
- (ii) Le motocycliste n'évite pas le chien.

Question 2B

Phrases affirmatives: i. Sara va à l'école.

Phrases interrogatives. Est-ce que cette fille est malade ?

Question 3

(b) sous (c) large (d) assoient (e) murmure (f) à

Question 4

(a) font (b) jouant (c) a parlé (d) faisais
(e) achèterai (f) Fermez (g) mangeaient
(h) a donné

Question 5

(a) La robe que maman repasse est rouge.
(b) Il va à la gare où il prend le bus.
(c) Pendant que papa répare la voiture, mon frère fait le jardinage
4. Anna va voir un médecin parce qu'elle est souffrante.
5. Vous voulez aller à la boutique pour acheter des bonbons.

Question 6

nuages - pleuvoir - pluie - triste - amis
grands - rivière - arrêt - tombant - carreaux

Question 7

(a) chanteur (b) rouges (c) tremblement (d) longueur
(e) travaux

French 2017

Question 1

a) ne parle pas du tout D (b) garde les moutons A
(c) agneau D (d) va faire nuit B
(e) se fait du souci B (f) était dans le lac C
(g) sauver l'agneau D (h) parler B
(i) d'entendre son fils parler C (j) Courageux A

Question 2 A

1. Rajeev ne cueille pas de fleur pour Manisha.
2. La dame n'a pas eu peur en voyant le singe.

Question 2 B

i. **Interrogative:** Ranges – tu ton cartable?
ii. **Affirmative:** Les joueurs sont là.

Question 3

(a) Milieu (b) peur (c) fatiguée (d) petite
(e) reposer (f) sommeil

Question 4

(a) achetez (b) avait (c) dormirai (d) Bois
(e) franchissant (f) a vu (g) construit (h) gronder

Question 5

(a) La petite fille qui porte une robe bleue est ma cousine.

(b) Les automobilistes allument les phares parce qu'il fait nuit.
(c) J'ai regardé le film dont tout le monde parle.
(d) Comme maman avait oublié son parapluie, elle est toute trempée.
(e) Nous sommes retournés sur la plage où un dauphin s'était échoué.

Question 6

1. passe 2. miaulement 3. aux 4. grains
5. chasse 6. facilement 7. près 8. le
9. montrer 10. affectueux

Question 7

(a) voyage (b) soigner (c) circulation
(d) silencieusement (e) houleuse

French 2018

Question 1

(a) B (b) C (c) D (d) B (e) B
(f) D (g) A (h) C (i) C (j) A

Question 2 A

i. Ma mère et mon père ne vont pas à la plage.
ii. Le garçon n'a pas sali ses vêtements.

Question 2 B

(i) **Affirmative:** Elles sont arrivées à l'heure.
(ii) **Interrogative :** Le chien a-t-il aboyé pendant la nuit?

Question 3

(a) dans (b) sales (c) plastique (d) mauvaise
(e) et (f) propre

Question 4

(a) ont fait (b) salissons (c) Ouvre (d) se lève
(e) irons (f) lisait (g) soient (h) courant

Question 5

(a) Tikoulou qui est un bon coureur, s'entraîne régulièrement.
(b) La maison où j'habite est détruite.
(c) Dan s'est blessé quand il a fait une chute.
(d) Samu n'est pas venu à l'école parce qu'il est malade.
(e) Tu me parles d'un film dont le titre est "Rex".

Question 6

1. petites 2. excités 3. peur 4. accueillir
5. maison 6. pour 7. sortir 8. du 9. entre

Question 7

(a) gagne (b) sportive (c) prudent
(d) soigneusement (e) orageux

French 2019

Question 1

1. B 2. D 3. A 4. B 5. C
6. C 7. C 8. B 9. A 10. D

Question 2A

- i. Les enfants ne vont pas à la plage.
ii. Pierre n'a pas sali ses vêtements en jouant.

Question 2B

- i. **Affirmative:** Tu prends le bus pour rentrer.
ii. **Interrogative:** Est-ce que le marchand a vendu tous ses légumes?

Question 3

- (a) école (b) réciter (c) aide (d) jours
(e) écoute (f) félicite

Question 4

- (a) part (b) faites (c) irons (d) est venu
(e) lisait (f) dire (g) se promènera (h) jouant

Question 5

- a. La fille qui porte une robe bleue est ma sœur.
b. Quand la cloche sonne, les élèves sortent de la classe.
c. Reena est allée à Souillac où elle a visité le musée.
d. Le chemin que vous prenez est long.
e. Grand-père est vieux mais il peut toujours lire sans lunettes.

Question 6

1. par 2. car 3. qui 4. achète 5. répond
6. sur 7. imprudent 8. route 9. et 10. bosse

Question 7

- (a) fin (b) rentrée (c) cyclonique
(d) nationale (e) chanceux

French 2021

Question 1

- (a) C (b) A (c) B (d) B (e) C (f) D (g) B
(h) D (i) C (j) A

Question 2A

- (i) La voiture ne roule pas vite.
(ii) Chris n'attend pas sa mère.

Question 2B

- (i) A-t-il cassé le jouet ? / Est-ce qu'il a cassé le jouet ?
(ii) Yohan est arrivé.

Question 3

- (b) rentrée (c) trac (d) écrire (e) sac / cartable
(f) a salué.

Question 4

- (a) sont venues (b) regardant (c) descendent
(d) habitait (e) offriront (f) Finis (g) partager
(h) serai

Question 5

- (a) L'homme qui est assis sur le banc est mon oncle.
(b) Les enfants crient car ils ont peur.
(c) Comme je suis en retard, je me dépêche.
(d) Toby est malade mais il va quand même à l'école.
(e) La dame que tu vois est très jolie.

Question 6

- qui, petit, lentement, choisir, jamais, pantalon, cours,
de, larmes, réponds

Question 7

- (a) rapidement (b) pluvieux (c) jardinage (d) sortie
(e) bel

French 2022

Question 1

- (a) D (b) C (c) A (d) C (e) B (f) C
(g) A (h) B (i) B (j) C

Question 2A

- (i) Les filles ne vont pas jouer dans la cour.
(ii) Jean n'a pas reçu de train pour son anniversaire.

Question 2B

- (i) Il est en retard pour son travail.
(ii) Les animaux ont-ils peur du lion ?

Question 3

- (b) participer (c) jours (d) joli
(e) gagnante (f) fiers

Question 4

- (a) sifflant (b) irons (c) es (d) prenait
(e) sont venus (f) jouez (g) frapper (h) Finissez

Question 5

- (a) Le monsieur qui parle au directeur est mon père.
(b) Bébé pleure parce qu'il a faim.
(c) Cette robe est belle mais chère.
(d) Le village où il habite se trouve dans le sud.
(e) Tout le monde se met à l'abri quand il pleut.

Question 6

- préparer, soigneusement, au, tous, beau, régaler,
tabouret, mais, ouvre, punition.

Q7

- (a) chant (b) balade (c) tropical (d) patiemment
(e) silencieux

French 2023

Q1

1B 2C 3A 4B 5D 6B 7A 8D 9A 10B

Q2A

- (i) Sheila ne voyage pas en métro.
(ii) Papa n'achète pas une pomme.

Q2B

- (i) Il fait beau ce soir.
(ii) Est-ce qu'elles dansent joyeusement ?

Q3

- (b) avec (c) pleurer (d) des (e) son (f) bon/délicieux

Q4

- (a) joues (b) construira (c) Rangez (d) avez bu
(e) ouvrant (f) repose (g) mangerons (h) donner

Q5

- a) Papa se lève tôt et prépare le petit déjeuner.
b) Mon voisin entre dans l'autobus qui se dirige vers Curepipe.
c) Je fais la lessive en utilisant de l'eau et du savon.
d) Comme maman est très fatiguée, elle veut se reposer.
e) Les enfants se cachent parce qu'ils ont peur de l'orage.

Q6

panique, calmer, tandis, mais, vitesse, entendant, très, bâton, long, avoir

Q7

- (a) première (b) boisson (c) protéger (d) fruitier
(e) abondamment

French 2024

Q1

1C 2A 3D 4A 5B 6C 7B 8A 9C 10D

Q2A

- (i) Jean finit-il ses devoirs ?
(ii) Claudine est-elle souffrante ?

Q2B

- (i) Ne prenez pas vos livres.
(ii) Les enfants ne jouent pas dehors.

Q3

- (a) qui (b) à (c) et (d) petit (e) car (f) plus

Q4

- (a) arrose (b) lisant (c) fêtera (d) ont descendu (e) iras
(f) habitaient (g) preniez (h) réussir

Q5

- (a) Maman mange une pomme qui est juteuse.
(b) Il achète des carottes et des choux.
(c) Le bureau où Arthur travaille, est grand.
(d) Karina est malade mais elle vient à l'école.
(e) Michelle sonne à la porte car elle a oublié sa clé.

Q6

ferme, monde, fête, rigolos, problème, oublie, partout, le, sous, pour, succès

Q7

- (a) prudemment (b) vieille (c) natation (d) chant
(e) début

Mathematic Model 1

Mathematics - Model 1.

1) 4262.

2) 3520.

3) 5682.

4) 2615.

5) 852

6) 54.

7) (81)

8) $\frac{3}{10}$

9) 3866, 4312, 5229, 8220.

10) $(77 - 4 \cdot 3) = 3 \cdot 4$

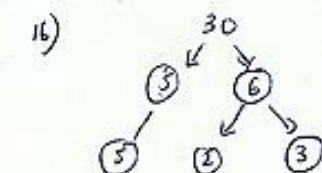
11) $(2 \times 1000) + (4 \times 100) + (6 \times 10) + (8 \times 1)$

12) 140

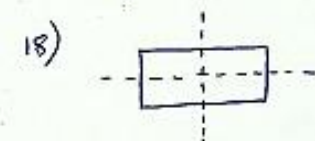
13) 100, 125.

14) $(60 + 30) = 90 \text{ min}$

15) 48 years 1 month.



17) $\frac{4 \times 4 \times 4}{4 \times 4} = 4$



19) $\frac{2}{6} + \frac{1 \times 2}{3 \times 2} = \frac{2}{6} + \frac{2}{6} = \frac{4}{6} \text{ or } \frac{1}{3}$

20) a) $(3000 + 500) = 3500 \text{ g.}$

(b) $\frac{200}{100} = 2 \text{ m.}$

21) $\begin{array}{r} 3 \overline{) 1215} \\ \underline{4,5} \end{array}$ L.C.M = $3 \times 4 \times 5 = 60 \rightarrow \text{C.}$

22) kite $\rightarrow \text{C.}$

23) february $\rightarrow \text{C.}$

24) $\frac{1}{2 \times 6} \rightarrow \text{D}$

25) 4 $\rightarrow \text{B.}$

26) $\frac{1}{2} \times 6 \times 7 = 42 \text{ cm}^2 \quad \text{C}$

27) 30 $\rightarrow \text{B.}$

28) B

29) 4 oranges = 16.
1 orange = $\frac{16}{4} = 4$.
12 oranges = $(4 \times 12) = \text{Rs } 48 \rightarrow \text{D.}$

30) Blue : Red.
18 : 24 $\div 6$.
3 : 4. $\rightarrow \text{B.}$

31) $\frac{18}{100} = 0.18 \rightarrow \text{B.}$

32) A.



34) spends = $\left(\frac{2}{18} \times 250\right) = \text{Rs } 50$.
left = $(250 - 50) = \text{Rs } 200$.

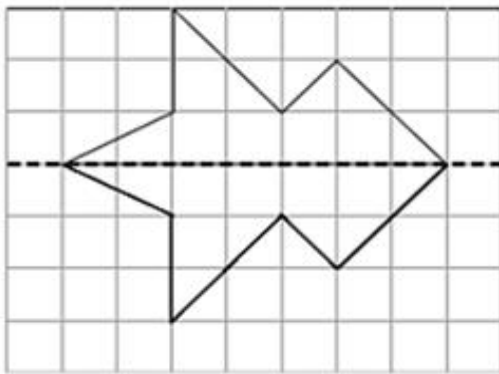
35) (a) 12 : 15 $\div 3$
4 : 5

(b) Boys : Girls : Total. $\frac{42}{7} = 6$
3 : 4 $\times 6$: 7 $\times 6$.
24 : 42

Girls = 24 $\leftarrow$

36) $\frac{2350}{5} = \text{Rs } 470$.

39)



$$38) \text{ women} = (2642 + 1246) \\ (a) = 3888$$

$$(b) \text{ people} = (3888 + 1453 + 2642) = 7983$$

$$39) \text{ spend in all} = \frac{2}{9} + \frac{1}{3} \times 3 \\ (a) = \frac{2}{9} + \frac{3}{9} = \frac{5}{9} \leftarrow$$

$$(b) \text{ left} = \left(1 - \frac{5}{9}\right) = \frac{4}{9}$$

$$40) (a) \text{ perimeter} = (725 + 334 + 725 + 334) \\ = 2118 \text{ cm or} \\ = 21 \text{ m } 18 \text{ cm} \leftarrow$$

$$(b) \text{ Area} = (12 \times 12) = 144 \text{ cm}^2$$

$$41) (a) \text{ Average} = \frac{55 + 67 + 73}{3} \\ = \frac{195}{3} = 65 \text{ g} \leftarrow$$

$$(b) (i) \text{ Total} = (80 \times 3) = 240 \text{ g}$$

$$(ii) \text{ mango + orange} = (90 + 65) \\ = 155 \text{ g}$$

$$\text{pear} = (240 - 155) = 85 \text{ g} \leftarrow$$

42) (a). Badminton and tennis.

(b) Soccer.

(c) Handball.

$$(d) (70 + 30) = 100$$

$$(e) (70 - 40) = 30$$

$$(f) (70 + 30 + 40 + 30 + 20) = 190$$

$$(g) \frac{40}{190} = \frac{4}{19}$$

2017

1) 3154

2) 976

3) 624

4) 1284

5) 312

6) 2413

7) 37, 49

8) 753, 735, 375, 357

9) Sum = $17 + 37 = 54$.

Average = $\frac{54}{2} = 27$

10)
$$\begin{array}{r} 7 \quad 8.1 \\ - 5.2 \\ \hline 2.9 \end{array}$$

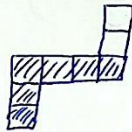
11) 3527

12) 2, 5, 8, 11, 14, 17

13) $(5 + 6 + 9) = 20 \text{ cm}$

14) Area = $(16 \times 7) = 112$

15) no. of squares = 8.
 $\frac{3}{4} \times 8 = 6$



16) $6 : 10$
 $3 : 5$

17) $1\frac{4}{7} = \left(\frac{11}{7} \times \frac{8}{56}\right) = 88 \leftarrow$

18) $3^2 - 2^2 = 9 - 4 = 5 \leftarrow$

19) $\frac{1}{4} \times 360 = 90^\circ$

North $\leftarrow$

20) a) $\left(\frac{1}{4} \times 1000\right) = 250 \text{ ml.}$

(b) $\frac{300}{100} = 3 \text{ m.}$

21) C.

22) $\frac{3 \times 2}{5 \times 2} = \frac{6}{10} = 0.6 \quad \text{Ans} = B.$

23) A.

24) $\frac{2 \times 2}{3 \times 2} = \frac{4}{6} \quad \text{Ans} = D$

25)
$$\begin{array}{r} 89 \overline{) 60} \\ - 750 \\ \hline 110 \end{array} \quad \text{Ans} = D.$$

26) 49 Ans = C.

27) Area = $\left(\frac{1}{2} \times 20 \times 21\right) = 210 \text{ cm}^2 \quad \text{Ans: C.}$

28) $(953 - 528) = \text{Rs } 425 \quad \text{Ans: D}$

29) A.

30) B.

31) D.

32) $8\frac{1}{2} = (8000 + 500) = 8500 \text{ g.}$

1 packet = $\frac{8500}{5} = 1 \text{ kg } 700 \text{ g} \quad \text{Ans: B.}$

33) 8 $\rightarrow$ Rs 72

1 $\rightarrow \frac{72}{8} = \text{Rs } 9.$

12 $\rightarrow (9 \times 12) = \text{Rs } 108$

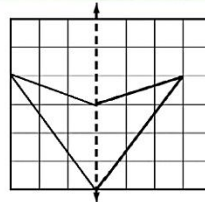
34) pen + copybook = $(17.85 + 19.90)$
 $= \text{Rs } 37.75$

left = $(200 - 37.75) = \text{Rs } 162.25$

35) Red = $\left(\frac{3}{8} \times 40\right) = 15$

Green = $(40 - 15) = 25.$

36)



37 (a)
$$\begin{array}{r} 315 \\ 18 \overline{) 5670} \\ \underline{54} \\ 27 \\ \underline{18} \\ 90 \end{array}$$

$$\begin{aligned} 18 \times 1 &= 18 \\ 18 \times 2 &= 36 \\ 18 \times 3 &= 54 \\ 18 \times 4 &= 72 \\ 18 \times 5 &= 90 \end{aligned}$$

Ans = 315 $\leftarrow$

(b) $200 \text{ ml} = \frac{200}{10} = 20 \text{ cl.}$

$(55 + 20) = 75 \text{ cl } \leftarrow$

$$(c) \text{ wife} = \left(\frac{2}{5} \times 6300\right) = 2520$$

$$9 \text{ nephews get} = (6300 - 2520) = 3780$$

$$1 \text{ nephew} = \frac{3780}{9} = \text{Rs } 420$$

$$38(a) \text{ length} = \frac{840}{24} = 35 \text{ cm}$$

$$(b) \text{ Total 3 numbers} = (56 + 66 + 83) = 206$$

$$\therefore \text{ Total of 4 numbers} = (70 \times 4) = 280$$

$$\text{Fourth number} = (280 - 206) = 74 \leftarrow$$

(c)	Ali	Ravi	More	Total
	3	7	4	$10 \times 4 = 40$
			56	140

$$\frac{56}{4} = 14$$

$$\text{Ans} = 140 \text{ beads} \leftarrow$$

$$39) (i) 8 \text{ boxes} = (105 \times 8) = \text{Rs } 840$$

$$(ii) 72 \text{ oranges} = \text{Rs } 792$$

$$\text{Total number of oranges} = (15 \times 8) = 120$$

$$\text{remaining} = (120 - 72) = 48$$

$$1 \text{ orange} = \text{Rs } 13$$

$$48 \text{ oranges} = (13 \times 48) = 624$$

$$\text{Total money obtain} = (792 + 624) = \text{Rs } 1416 \leftarrow$$

$$(iii) \text{ Profit} = (1416 - 840) = \text{Rs } 576 \leftarrow$$

$$40) (a) \text{ Blue}$$

$$(b) 6 \times 5 = 30 \text{ medals}$$

$$(c) (4-2) = 2$$

$$2 \times 5 = 10 \text{ medals} \leftarrow$$

$$(d) \text{ Total} = (3 + 2 + 6 + 4) = 15$$

$$\text{Medals} = (15 \times 5) = 75 \text{ medals} \leftarrow$$

$$(e) \text{ Total medals for yellow} = 30$$

$$\text{Silver + bronze} = \frac{2}{5} + \frac{1}{3} = \frac{2 \times 3}{5 \times 3} + \frac{1 \times 5}{3 \times 5} = \frac{6}{15} + \frac{5}{15}$$

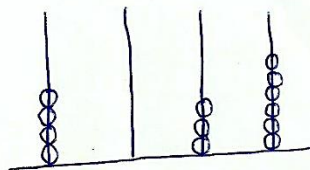
$$\text{Gold} = 1 - \frac{11}{15} = \frac{4}{15}$$

$$\text{Gold medals} = \left(\frac{4}{15} \times 30\right) = 8 \leftarrow$$

2018

$$1) 3142$$

$$2) \text{ Th } 4 \text{ T } 2$$



$$3) (2 \times 100) + \dots + (6 \times 1)$$

$$4) 3265, 3526, 3625$$

$$5) 9768$$

$$6) 1720$$

$$7) 2739$$

$$8) 601$$

$$9) 38, 33$$

$$10) (6.3 - 3.1) = 3.2$$

$$11) 3^2 \div 3^2 = \frac{9}{9} = 1$$

$$12) \left(\frac{4}{3} \times 56\right) =$$

$$13) 3.34$$

$$14) (a) \left(\frac{3}{4} \times 100\right) = 75 \text{ CL}$$

$$(b) 200 \text{ mm} = \frac{200}{10} = 20 \text{ cm}$$

$$= \frac{20}{100} \text{ m}$$

$$= \frac{2}{10} = \frac{1}{5} \text{ or } 0.2 \text{ m} \leftarrow$$

$$15) \text{ Area} = \left(\frac{1}{2} \times 12 \times 8\right) = 48 \text{ cm}^2$$



$$17) 3\frac{1}{4} + 5\frac{3}{8} = 8\left(\frac{1}{4} + \frac{3}{8}\right)$$

$$= 8\left(\frac{2}{8} + \frac{3}{8}\right) = 8\frac{5}{8} \leftarrow$$

$$18) 14 \text{ pupils} = 1 \text{ bus}$$

$$1 \text{ pupil} = \frac{1}{14}$$

$$84 \text{ pupils} = \left(\frac{1}{14} \times 84\right) = 6 \text{ buses} \leftarrow$$

2018 (Continue).

19.



20)

$$\begin{array}{r} 62 \quad 11 \\ - 5 \quad 9 \\ \hline 57 \quad 2 \end{array}$$

57 years 2 months ←

21) 5 cm → A.

22) A

23) pentagon → C.

24) 0.13 → B.

25) 3 right angles → C.

26)

27) pink blue.
72 24 $2 \div 12$.
6 2
3 1 → D.

28) 4 pears = Rs 32.

1 pear = $\frac{32}{4} = 8$.

9 pears = $(8 \times 9) = 72 \rightarrow B$.

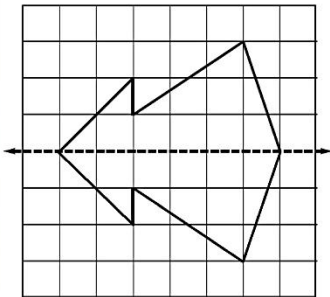
29)

30) A.

31) $\frac{2880}{12} = 240 \rightarrow C$.

32) 49 → C.

33)



34) 35+35 = 70 minutes = 1 hour 10 min.

morning break = $(9.00 + 1.10) = 10.10 \leftarrow$

35) children = $\left(\frac{3}{5} \times 4205\right) = 2523$.

adults = $4205 - 2523 = 1682 \leftarrow$

36) Ajay = $(76425 \times 2) = 152850$

37 (a) Father = $\frac{1}{3}$.

Brothers = $\left(\frac{1}{6} \times 3\right) = \frac{3}{6}$

Total = $\left(\frac{1}{3} + \frac{3}{6}\right) = \frac{1 \times 2}{3 \times 2} + \frac{3}{6}$.

$= \frac{2}{6} + \frac{3}{6} = \frac{5}{6} \leftarrow$

(b) (i) ~~Buy~~ Bags = 50 kg = 50 x 1000 = 50000 g.

No of packets = $\frac{50000}{500} = 100$.

(ii) 1 packet = Rs 48.50.

100 packets = $(48.50 \times 100) = 4850 \leftarrow$

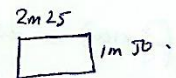
(iii) Buying price = $(4850 - 1745)$
 $= Rs 3105 \leftarrow$

38 (a).

$$\begin{array}{r} 253 \\ 23 \overline{) 5824} \\ \underline{46} \\ 122 \\ \underline{115} \\ 74 \\ \underline{69} \\ 5 \end{array}$$

23x1 = 23
23x2 = 46
23x3 = 69
23x4 = 92
23x5 = 115
23x6 = 138
23x7 = 161
23x8 = 184.

b(i) perimeter = $(225 + 150 + 225 + 150)$
 $= 750 \text{ cm}.$



(ii)



(iii).

39 (a) 15 guests = $(240 \times 15) = 3600 \text{ mL}.$

left = 400 mL

Total = $(3600 + 400) = 4000 \text{ mL}.$

$= 4 \text{ litres} \leftarrow$

b(i) Total = (37×4)
 $= 148$.

(ii) ~~at~~ class 1, 2 and 3 =
 $(39 + 38 + 36) = 113$.

class 4 = $(48 - 113)$
 $= 35$

40 (i) May.

(ii) 40 mm.

(iii) January and April

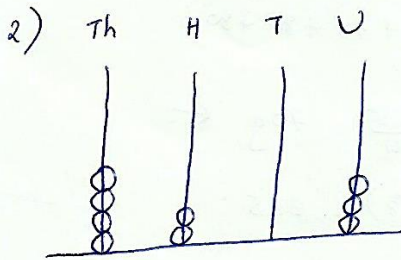
(iv) $(120 + 160 + 140 + 120 + 100)$
 $= 640 \text{ mm}.$

(v) $\left(\frac{640}{5}\right) = 128 \text{ mm}.$

(vi) $\frac{160}{640} = \frac{16}{64} = \frac{4}{16} = \frac{1}{4}$

2019

1) 5361.



3) 7842, 7482, 7428.

4) 9748

5) 6418.

6) 3652.

7) 701

8) $(3 \times 1000) + (4 \times 100) + (7 \times 10) + (6 \times 1)$

9) $\frac{39}{31}$, $\frac{35}{31}$, $\frac{31}{31}$.

$\frac{35}{31}$ $\frac{43}{44}$

10) $(7.6 - 5.4) = 2.2$.

11) $1\frac{2}{5} = \left(\frac{7}{5} \times 30\right) = 42$

12) 2.97.

13) $4^2 \div 2^2 = 16 \div 4 = 4$.

14) (a) $(0.75 \times 100) = 75 \text{ CL}$.

(b) $\frac{300}{1000} = 0.3$ or $\frac{3}{10} \text{ kg}$.

15) $3\frac{1}{6} + 2\frac{2}{3} = \frac{19}{6} + \frac{8 \times 2}{3 \times 2}$
 $= \frac{19}{6} + \frac{16}{6} = \frac{35}{6} = 5\frac{5}{6} \leftarrow$

16) $13 \times 1 = 13$

$13 \times 2 = 26$

$13 \times 3 = 39$

$13 \times 4 = 52$

$13 \times 5 = 65$

$13 \times 6 = 78 \rightarrow$

6 marbles $\leftarrow$

17) Area = $\left(\frac{1}{2} \times 5 \times 8\right) = 20 \text{ cm}^2$.

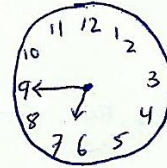
18) Selling Price = $(2500 - 500) = \text{Rs } 2000$.

19) 2: $3 \sqrt{150} \times 30$ Total $\frac{5}{150} \times 30$

$\frac{150}{5} = 30$.

length of longer = $(3 \times 30) = 90 \text{ cm}$.

20).



21) $\frac{1}{625} \rightarrow D$.

22) D.

23) Pentagon - 5 sides. $\rightarrow C$.

24) $\frac{17}{1000} = 0.017 \rightarrow C$.

25) p and r $\rightarrow A$.

26) 3 right angles $\rightarrow C$.

27) Ali : Bushir.
 30 : $(50 + 30) = 80$.
 3 : 8.

28) D

29) 6 pens $\rightarrow \text{Rs } 48$.

1 pen $\rightarrow \frac{48}{6} = 8$.

4 pens $\rightarrow (8 \times 4) = 32 \rightarrow B$.

30) $\frac{125}{23} = 148 \text{ cm} \rightarrow A$.

31) $\frac{5700}{5} = 1150 = 1 \text{ kg } 150 \text{ g} \rightarrow C$.

32) 1 $\rightarrow B$.

33) 81 $\rightarrow A$.

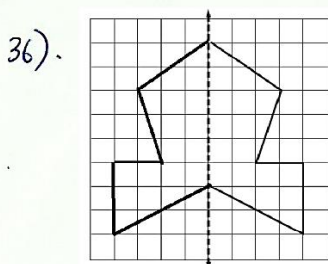
34) $\frac{14}{4} = 3\frac{3}{4}$.

$\therefore 4 \text{ Cars} \rightarrow B$.

35) $6\frac{1}{2} \text{ kg} = 6 \text{ kg } 500 \text{ g.}$

(i)
$$\begin{array}{r} 64250 \\ - 6500 \\ \hline 57750 \end{array} \quad 57 \text{ kg } 750 \text{ g.} \leftarrow$$

(ii)
$$\begin{array}{r} 64250 \\ + 57750 \\ \hline 122000 \end{array} \Rightarrow 122 \text{ kg} \leftarrow$$



37) (i) Table Tennis. $\leftarrow$

(ii) $(4 \times 3) = 12. \leftarrow$

(iii) $(2+4+1+3) = 10$
 $(10 \times 3) = 30 \text{ pupils} \leftarrow$

38 (a). $\frac{25}{15} = \frac{25:5}{15:5} = \frac{5}{3} \quad 2 \div 5 \leftarrow$

(b)
$$\begin{array}{l} \text{B G Total} \\ 2:3 \quad 2 \times 8 \quad 5 \times 8 \\ \quad \quad 40 \end{array} \quad \frac{40}{5} = 8.$$

Girls = $(3 \times 8) = 24. \leftarrow$

39) (a) $(30 \times 3) = 90 \text{ minutes.}$

(b) $90 \text{ min} + 10 = 100 \text{ minutes}$
 $= 1 \text{ hour and } 40 \text{ minutes.}$

$$\begin{array}{r} 7:30 \\ + 1:40 \\ \hline 9:10 \end{array} \quad \text{Ans: } 9:10 \text{ p.m.} \leftarrow$$

40 (a) $(6+6+6) = 18 \text{ cm.}$

(b) (i) $\sqrt{49} = 7 \text{ cm.}$

(ii) $(15 \times 5) = 75 \text{ cm}^2.$

(c) $(32 - 10 - 10) = 12$
 $\text{width} = 12 \div 2 = 6 \text{ cm.} \leftarrow$

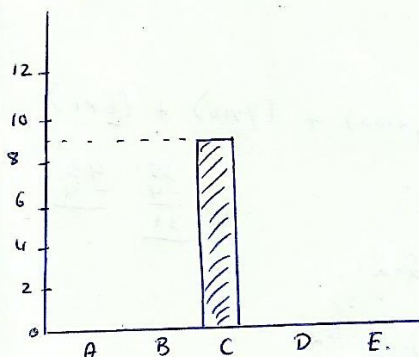
41 (a). $\text{Sum} = (50 + 70 + 80 + 80)$
 $= 280.$

Average = $\frac{280}{4} = 70 \text{ g} \leftarrow$

b (i) Total = $(75 \times 3) = 225.$

(ii)
$$\begin{array}{r} 82 \\ + 70 \\ \hline 152 \end{array} \quad \begin{array}{r} 225 \\ - 152 \\ \hline 73 \text{ g.} \end{array}$$

42. (i).



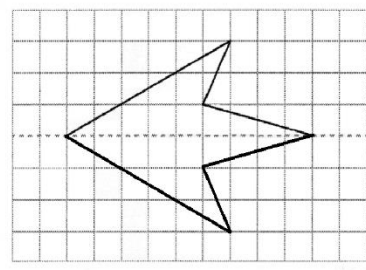
(ii) Grade A

(iii) $(6+8+9+12+7) = 42 \text{ pupils.}$

(iv). $\frac{9}{42} = \frac{3}{14}$

Marks 2021.

- 1) 7203.
- 2) 5974.
- 3) pentagon.
- 4) $(3 \times 100) + (4 \times 10) + (7 \times 1)$
- 5) 6814.
- 6) 8231.
- 7) 6309.
- 8) 843
- 9) 5763, 6753, 7365.
- 10) 12600
- 11) $3^2 + 2^3 = 9 + 8 = 17$
- 12) $\frac{1}{2} \div \frac{3}{7} = \frac{1}{2} \times \frac{7}{3} = \frac{7}{6} \leftarrow$
- 13) 8.5
- 14) $\frac{4}{3} = 1\frac{1}{3}$.
- 15) $(2 \times 60) = 120$ seconds.
- 16) $(13000 - 7000) = 6000$.
- 17) $\frac{6}{12}$ or $\frac{1}{2}$.
- 18) $\frac{2}{3} \times \frac{9}{27} = \frac{18}{81} = \frac{2}{9}$
- 19) (a) 2.
(b) 3.
- 20) Tens $\rightarrow$ B.
- 21) $(5 \times 1000) = 5000$ mL $\rightarrow$ C
- 22) 0.23 $\rightarrow$ C.
- 23) 1 line $\rightarrow$ B.

- 24) D.
- 25) A.
- 26) $(2.5 \times 1000) = 2500$ g $\rightarrow$ B.
- 27) 2.2 cm $\rightarrow$ A.
- 28) $\frac{3}{4}$, $\frac{1}{2}$.
- 29)  is less than a right angle.
 is greater than a right angle.
- 30)
$$\begin{array}{r} 08 \ 27 \\ - 07 \ 12 \\ \hline 1 \ 15 \end{array}$$
 1h 15 min $\leftarrow$
- 31) $\left(\frac{1}{2} \times 3 \times 4\right) = 6$ cm² $\leftarrow$
- 32) Total = $(12 + 15) = 27$.
Fraction of girls = $\frac{15}{27}$ or $\frac{5}{9} \leftarrow$
- 33). 
- 34) Tom = 50
Jerry = $(50 - 15) = 35$.
Altogether = $(50 + 35) = 85$

- 35 (a) 6 chairs = 2538
1 chair = $\frac{2538}{6} = 423$.
11 chairs = $(423 \times 11) = \text{Rs } 4653$

$$35(b) \text{ Given} = (105 \times 3) = 315 \text{ cm}$$

$$\text{left} = (540 - 315)$$

$$= 225 \text{ cm}$$

$$= 2 \text{ m } 25 \text{ cm} \leftarrow$$

$$36) \text{ water} = 105 \text{ CL}$$

$$\text{juice} = 200 \text{ ml} = \frac{200}{10} = 20 \text{ CL}$$

$$\text{Mixture} = (105 + 20) = 125 \text{ CL}$$

$$5 \text{ cups} = 125 \text{ CL}$$

$$1 \text{ cup} = \frac{125}{5} = 25 \text{ CL} \leftarrow$$

$$37) (a) (i)$$

$$(ii) 30^\circ \text{C}$$

$$(iii) \text{ Wednesday}$$

$$(iv) \text{ Monday \& Thursday}$$

$$(v) (35 - 30) = 5^\circ \text{C}$$

$$(b)_{(i)} \text{ Sum} = \left(\frac{1}{3} \times 630\right) = 210$$

$$\text{Ben} = \left(\frac{5}{9} \times 630\right) = 350$$

$$\text{Total given} = (210 + 350) = 560$$

$$(ii) \text{ left} = (630 - 560) = 70$$

$$38 (a)(i) \quad (13 + 6) = 19$$

$$(ii) 5^2 = 25 \leftarrow$$

$$(iii) \frac{2}{2} = 1 \leftarrow$$

$$(iv) (9 \times 3) = 27$$

$$(v) \frac{4}{10} \text{ or } \frac{2}{5} \leftarrow$$

$$(b) \text{ BP} = (300 \times 7) = \text{Rs } 2100$$

$$\text{SP} = (290 \times 10) = \text{Rs } 2900$$

$$\text{Profit} = (2900 - 2100) = \text{Rs } 800 \leftarrow$$

$$39 (a) (i) \text{ Laxmi} = (6700 - 1300)$$

$$= \text{Rs } 5400$$

$$(ii) \text{ Altogether} = (6700 + 5400)$$

$$= \text{Rs } 12100$$

$$(b) \frac{33}{6} \text{ convert} = 5 \frac{3}{6}$$

$$\text{smallest number of packs} = 6 \leftarrow$$

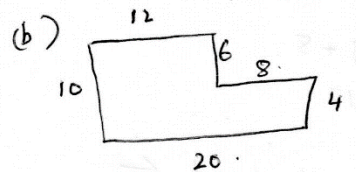
$$(c) 1 \text{ Adult} = \text{Rs } 270$$

$$2 \text{ Adults} = (270 \times 2) = 540$$

$$2 \text{ Children} = (900 - 540) = 360$$

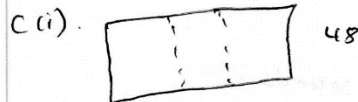
$$1 \text{ Child} = \frac{360}{2} = 180 \leftarrow$$

$$40 (a) \text{ length} = \frac{60}{4} = 15 \text{ cm}$$



$$\text{Perimeter} = (12 + 6 + 8 + 4 + 20 + 10)$$

$$= 60 \text{ cm} \leftarrow$$



$$\frac{48}{3} = 16$$

$$(i) \text{ length} = \sqrt{16} = 4 \text{ m} \leftarrow$$

$$(ii) \text{ Perimeter} = (4 + 12 + 4 + 12) = 32 \text{ m} \leftarrow$$

Maths 2022. 45

1) 524.

2) 698.

3) 508

4) 223.

5) $\frac{2}{5}$

6) 639.

7) 500.

8) 31

9) $3^2 = 3 \times 3 = 9$.

10) $\frac{5}{7}$

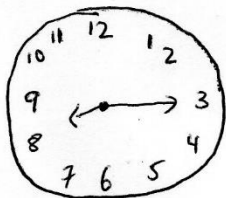
11) 9250, 9300, 9350

12) $1\frac{1}{2}$

13) 9.71

14) 3359, 4593, 4639.

15)



16) $(20 \times 7) = 140$.

17) $(5+5+9+9) = 28$ cm.

18)
$$\begin{array}{r} 550 \\ - 225 \\ \hline 325 \end{array}$$
 3m 25cm ←

19) red = $\frac{7}{10}$.

Green = $(1 - \frac{7}{10}) = \frac{3}{10}$.

20) 2 pencils → 25.
1 → $\frac{25}{2}$
6 → $(\frac{25}{2} \times 6) = \text{Rs } 75$.

21) 16 → D.

22) 1 → A.

23) C.

24) C.

25) B.

26) D.

27) C.

28) South → B.

29) girls Boys.
20 : 15
4 : 3 → A.

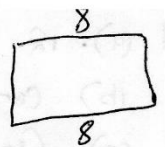
30) C.

31) (3×180)

32) = 540 ←

b) Total = $540 + 50$
= 590 ←

33) $\frac{24}{8} = 4$.
width = 4 cm ←

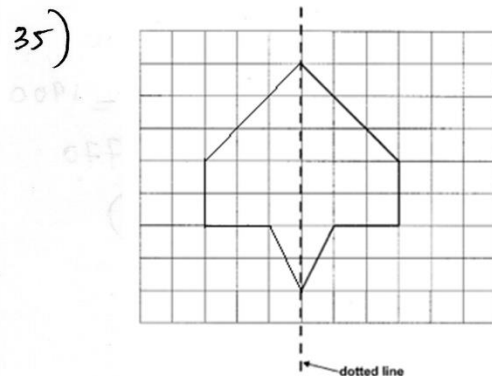


34) Anna Bella.
4 : 50
80 : 100
Bella = Rs 100 ←

$\frac{80}{4} = 20$.

35) $\frac{128}{163}$ 1m 63 cm ←

(b) Total $\frac{163}{291}$ 2m 91 cm ←



36) (a) Area $A = (16 \times 9) = 144 \text{ cm}^2 \leftarrow$

(b) Area $B = 144 \text{ cm}^2$

length $= \sqrt{144} = 12 \text{ cm} \leftarrow$

37 (a) gives $= (24 \times 3) = 72$

At first $= (72 + 16) = 88$

(b)(i) 90 minutes $= 1 \text{ h } 30 \text{ min.}$

(ii) 10 25

+ 1 30

30

11 85

+ 1 60

12 25 $\leftarrow$

38 (a) Total of 3 boys $= (29 \times 3) = 87 \text{ kg} \leftarrow$

(b) Total of 2 girls $= (34 \times 2) = 68 \text{ kg}$

Total mass of 5 children $= (87 + 68)$
 $= 155 \text{ kg} \leftarrow$

(c) Average mass $= \frac{155}{5} = 31 \text{ kg} \leftarrow$

39 (a) 12.

(b) Car and Van.

(c) $(10 - 2) = 8$

(d)

(e) Total $= (2 + 10 + 10 + 12 + 6)$
 $= 40$

40 (a) $1 \frac{1}{5} \div \frac{3}{1} = \frac{6}{5} \times \frac{1}{3}$
 $= \frac{2}{5} \leftarrow$

(b) 190 mangoes $= (10 \times 190) = 1900$

110 mangoes $= (110 \times 7) = 770$

(i) 300 mangoes $= (1900 + 770)$
 $= 2670 \leftarrow$

(ii) profit $= (2670 - 2200)$
 $= \text{Rs } 470 \leftarrow$

41) (a) 2 packets of sugar $= (500 \times 2) = 1000 \text{ g}$

rice + sugar $= (2500 + 1000)$
 $= 3500 \text{ g} \leftarrow$

(b) $(4340 - 3500) = 840 \text{ g.}$

4 tins $= 840$

1 tin $= \frac{840}{4} = 210 \text{ g} \leftarrow$

2023 Q39 and Q40

(b) $(30 \times 120) = 3600$

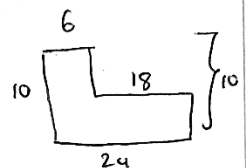
$(20 \times 100) = 2000$

Total $= 5600$

Profit $= (5600 - 4680) = 920$

40 (a) $\frac{26 \times 10}{2} = 130 \text{ cm}^2$

(b) $(10 + 6 + 18 + 10 + 24)$
 $= 68 \text{ cm.}$



(c) Total fencing needed $= (7 + 14 + 14) = 35 \text{ m}$

Money $= (50 \times 35) = \text{Rs } 1750$

45 - 2023.

1) 3406

2) (a) sixty one

(b) 325

3) 989

4) 601

5) $\frac{3}{4}$

6) 684

7) 70

8) 71

9) 36

10) $\frac{5}{9}$

11) Rs 15.20

12) 12

13) 3-4

14) 117, 235, 253, 473

15) 855

16) $\frac{32}{8} = 4$

17) perimeter = $(7+7+7+7) = 28$ cm

18) $(2000 \text{ mL} - 1500 \text{ mL}) = 500 \text{ mL}$

19) $(16 \times 9) = 144$

20) $\frac{5}{9}$

21) $8 \times 8 = 64 \rightarrow C$

22) D

23) C

24) $\div 5 \left(\begin{array}{l} 25 : 15 \\ 5 : 3 \end{array} \right) \div 5 \rightarrow D$

25) B

26) C

27) B

28) A

29) B

30) A

31) (a) $(120 + 250) = 370$

(b) $(18 \times 250) = 4500$

32 (a) $\frac{3}{5} \div 8 = \frac{3}{5} \times \frac{1}{8} = \frac{3}{40}$

(b) $\left(\frac{1}{3} \times 36\right) = 12$

23) (a) $(250 + 1050) = 1300 \text{ mL}$

(b) 1 glass = 200

6 glass = $(200 \times 6) = 1200 \text{ mL}$

left = $(1300 - 1200) = 100 \text{ mL} \leftarrow$

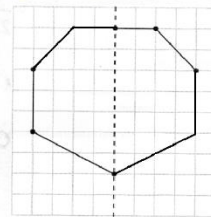
34 (a) $Ala_1 = (5 \times 6) = 30 \leftarrow$

(b) $(20 - 5) = 15$

$(30 + 15) = 45 \leftarrow$

35 (a) $(5.7 - 4.9) = 0.8 \text{ kg}$

(b)



36 (a) $\begin{array}{r} 9 \ 60 \\ 10 \ 05 \\ - 07 \ 20 \\ \hline 2 \ 45 \end{array}$ 2h 45 minutes.

(ii) $\begin{array}{r} 2 \ 10 \\ 40 \\ \hline 2 \ 50 \end{array}$ $\begin{array}{r} 10 \ 05 \\ 2 \ 50 \\ \hline 12 \ 55 \end{array}$ p.m.

(b) (i) $\frac{1 \times 3}{4 \times 3} + \frac{2 \times 4}{3 \times 4} = \frac{3}{12} + \frac{8}{12} = \frac{11}{12} \leftarrow$

(ii) $1 - \frac{11}{12} = \frac{1}{12}$

$\frac{1}{12} \rightarrow 24$

$1 \rightarrow (24 \times \frac{12}{1}) = 288 \leftarrow$

37) (a) Wednesday

(b) Tuesday

(c) $(14 - 8) = 6$

(d) $(6 \times 3) = 18$

(e) $(10 + 8) = 18$

$(18 \times 15) = 270$

38) (a) total = $(26 \times 3) = 78$

(b) (i) New total = $(21 \times 3) = 63$

(ii) $(78 - 63) = 15$

39 (a) $\frac{4680}{24} = 195$

① 967

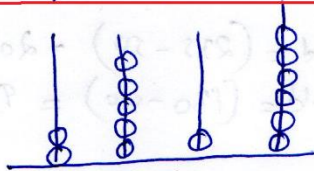
② 1563

3) 162.

4) 107

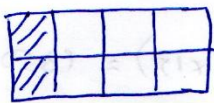
5) 582, 528, 348, 148

6)



7) 6.2.

8)



9) 3910

10) 20

11(a) $(4 \times 4) = 16$

(b) $\frac{1}{3} \div \frac{2}{7} = \frac{1}{3} \times \frac{7}{2} = \frac{7}{6}$

12 (a) ② ⑥

(b) $\frac{7}{12} - \frac{1 \times 2}{6 \times 2} = \frac{7}{12} - \frac{2}{12} = \frac{5}{12}$

13) 501

14) 4325

15) perimeter = $(6+5+7) = 18$ cm.

16) (a) $2L = 2 \times 1000 = 2000$ mL.

In all = $(2000 + 300) = 2300$ mL.

(b) Mala = $(48 - 29) = 19$.

17 (a) cylinder, cone, sphere.

(b) 4, 5,

18 (a) Area = $(8 \times 4) = 32$ cm².

(b) Area of square = $(32 \times 2) = 64$.

length = $\sqrt{64} = 8$ cm.

19) C $\rightarrow$ Parallelogram.

20) D $\rightarrow$ four.

21) $2+1 = 3+1 = 7 \rightarrow D$

22) $\frac{15}{4} = 3\frac{3}{4} \rightarrow A$

23) $\frac{3+6+4+7}{4} = \frac{20}{4} = 5 \rightarrow C$

24) 565 $\rightarrow C$

500
50
10
5
565

25) 7 tens $\rightarrow B$.

26) 08:20 $\rightarrow B$

27) A.

28) $\frac{12^3}{205} = \frac{3}{5} \rightarrow B$.

29) (a) $(176 + 28) = 204$.

(b) $3 \overline{) 141}$
47 $\leftarrow$

30) $\begin{array}{r} 7 \overline{) 76} \\ 4 \overline{) 5} \\ \hline 8 \ 2 \ 1 \end{array}$

31 (a) pencils : erasers.

$\div 8 \left(\begin{array}{r} 32 \\ 4 \end{array} \right) : 8 \left(\begin{array}{r} 8 \\ 1 \end{array} \right) \div 8$

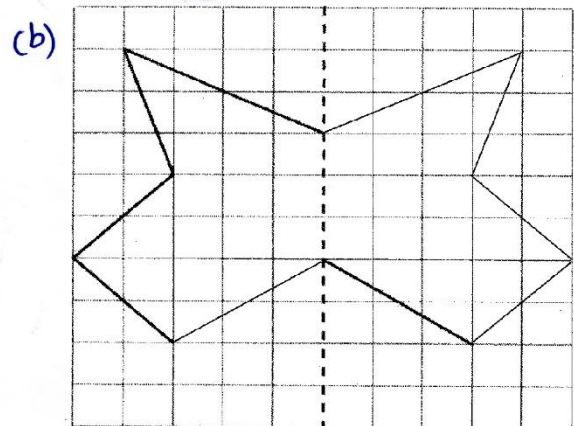
(b) Aisha : Ragan.
 $\begin{array}{r} \times 500 \quad 3 \quad : \quad 2 \times 500 \\ 1500 \quad 1000 \end{array}$

$3 \overline{) 1500}$
500

Ans = Rs 1000 $\leftarrow$

32) (a) (i) North.

(ii) $\frac{1}{4}$ turn in an anticlockwise direction



33 (a) sheena = $2 \frac{180}{90}$ hrs = 90 cm ←

(b) Elisa = $(90 - 8) = 82$ cm.

34 (a) $\begin{array}{r} 56:00 \\ - 345 \\ \hline 215 \end{array}$ Ans = 2h 15 min ←

(b) football = $(12 \times 3) = 36$ balls +.
basketball = $(12 \times 4) = 48$ balls.
Altogether = $\frac{84}{}$ ←

35) $\begin{array}{r} 240 \\ \times 4 \\ \hline 960 \end{array}$ Ans = 960 cm ←

36) (a) 8.
(b) van.
(c) $(16 - 10) = 6$.
(d) $(16 + 12 + 8 + 10) = 46$

37) (a) Fraction = $\frac{210}{840 + 210} = \frac{1}{4}$.

(b) Ashi = $\left(\frac{5}{8} \times \frac{105}{840}\right) = 525$.

Billy + Ashi = $(525 + 210) = 735$

Don = $(840 - 735) = 105$.

38 (a) 2 paintbrushes = $(80.50 \times 2) = 161$.

Total = $(161 + 1200) = 1361$.

left = $(2000 - 1361) = 639$. ←

(b) 1 pail = 250.

2 pails = 500.

3 pails = 750.

Ans = 2 pails ←

37) (a) $(75 \times 2) = 350$.

sugar = $(100 \times 2) = 200$ g

flour = $(115 \times 2) = 230$ g

(b) Flour left = $(500 - 230) = 270$ g.

40) Apples sold = $(255 - 50) = 205$.

(a) oranges sold = $(130 - 40) = 90$.

1 apple = 12.

205 apples = $(12 \times 205) = 2460$

1 orange = 15

90 oranges = $(90 \times 15) = 1350$.

Total = $(2460 + 1350) = 3810$. ←

(b) profit = $(3810 - 2536)$

= Rs 1274 ←