



Class : 4 KEY ANSWERS TERM : III

Lesson 1. GEOMETRY

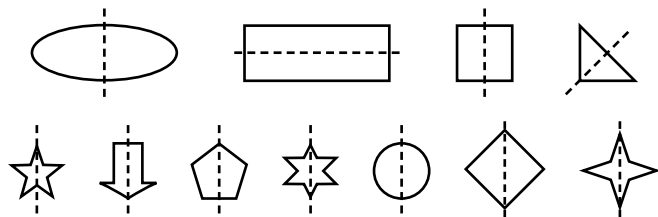
Page No. 2

Just for Practice 1.1: Student's work

Page No. 5

Just for Practice 1.2:

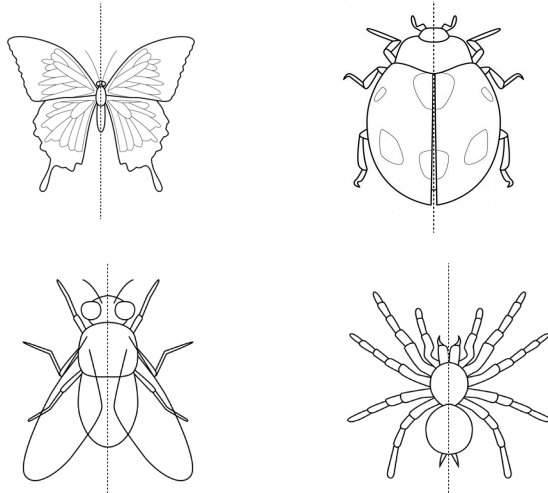
1.



2. Circle the letters:

A, B, C, D,
H, I, M, N, O
U, V, W, X

3. Circle the letters:



Lesson 2. NUMBERS

Page No. 11

Just for Practice 2.1:

1. a. 116 b. 161 c. 131 d. 109
e. 102 f. 130

2. a. Quotient = 220
Remainder = 0
b. Quotient = 2010
Remainder = 0
c. Quotient = 41
Remainder = 0
d. Quotient = 711
Remainder = 1

3. 723 books

4. 12 seats

5. 300 packets

6. 25 days

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Just for Practice 2.2:

1. $57 \rightarrow 60$
 $73 \rightarrow 70$
 $92 \rightarrow 90$
 $18 \rightarrow 20$
 $11 \rightarrow 10$
 $49 \rightarrow 50$
2. $157 \rightarrow 200$
 $305 \rightarrow 300$
 $183 \rightarrow 200$
 $960 \rightarrow 1000$
 $549 \rightarrow 500$

3.

	a	b	c	d	e	f	g	h
Estimated sum	110	20	10	30	120	130	150	30
Actual	117	19	8	26	112	131	148	34
Difference	7	1	2	4	8	1	2	4

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Just for Practice 2.3:

1. a. Estimation: 3500
Actual: 3504
Difference: 4
 - b. Estimation: 8100
Actual: 8091
Difference: 9
 - c. Estimation: 1500
Actual: 1170
Difference: 330
 - d. Estimation: 2400
Actual: 2550
Difference: 150
 - e. Estimation: 600
Actual: 812
Difference: 212
2. ₹1950
 3. Estimated amount: ₹1800
Actual amount: ₹1616
 4. ₹1000
 5. ₹600
 6. ₹320

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Just for Practice 2.4:

- | | |
|--------|---------|
| 1. 374 | 6. 350 |
| 2. 175 | 7. 54 |
| 3. 519 | 8. 367 |
| 4. 26 | 9. 66 |
| 5. 295 | 10. 185 |

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Just for Practice 2.5:

- | | |
|----------|----------|
| 1. ₹5859 | 4. ₹3779 |
| 2. ₹7465 | 5. ₹2587 |
| 3. ₹6185 | 6. ₹865 |

Lesson 3. VOLUME

Page No. 22

Just for Practice 3.1:

1. a. 7000 ml
b. 9500 ml
c. 1750 ml
d. 3250 ml
e. 1150 ml
2. a. 2 l 250 ml
b. 5 l
c. 8 l 750 ml
d. 7 l 170 ml
e. 1 l 110 ml

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Just for Practice 3.2:

1. a. 4 l 700 ml
b. 15 l 150 ml
c. 1150 ml
d. 4 l 200 ml
e. 4 l 250 ml
f. 8 l 200 ml
2. a. 4 l 100 ml
b. 2 l 250 ml
c. 2 l 150 ml
d. 2 l 500 ml
e. 700 ml
f. 1 l 200 ml
3. 200 ml
4. 35 l
5. 575 ml
6. 75 ml
7. 1 l 350 ml
8. 300 ml
9. 10 l 250 ml
10. 5 l 900 ml

H.O.T.S

1. 6 times

Lesson 4. MONEY HANDLING

Page No. 27

Just for Practice 4.1:

- ₹149.95
 - ₹1042
 - ₹681.70
 - ₹82.25
 - ₹107.95
 - ₹123.55
 - ₹199.10
 - ₹105.60
 - ₹1089.45

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Just for Practice 4.2:

- ₹15.45
 - ₹22.60
 - ₹31.90
 - ₹11.75
 - ₹48.95
 - ₹9.25

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Just for Practice 4.3:

- ₹180
- ₹190
- ₹60

Word problems

- Amount need to pay ₹210, getback = ₹290
- ₹200
- To pay - ₹81, balance = ₹119

Lesson 5. FRACTIONS

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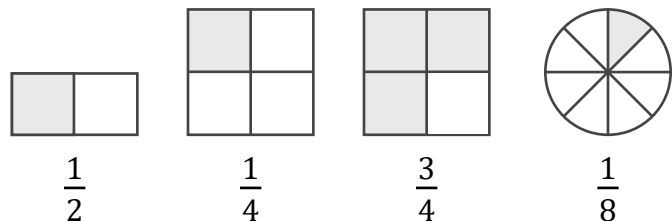
Just for Practice 5.1:

- $\frac{3}{9}$, $\frac{3}{9}$, $\frac{1}{3}$
 - $\frac{1}{4}$, $\frac{1}{2}$
 - $\frac{2}{4}$, $\frac{1}{3}$

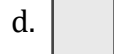
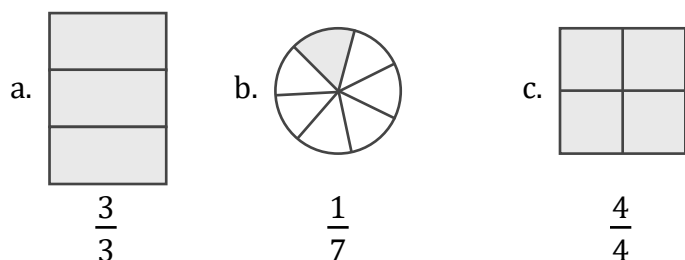
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Just for Practice 5.2:

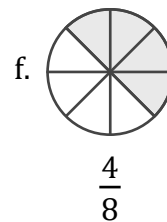
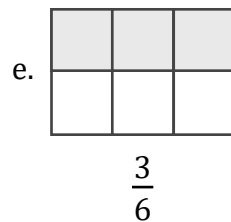
1.



2.



1



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Recall

- $\frac{1}{5}$, $\frac{2}{5}$, $\frac{3}{5}$
 - $\frac{8}{13}$, $\frac{7}{13}$, $\frac{1}{13}$, $\frac{2}{13}$
 - $\frac{3}{8}$, $\frac{5}{8}$, $\frac{6}{8}$, $\frac{1}{8}$
 - $\frac{3}{11}$, $\frac{4}{11}$, $\frac{10}{11}$
- $\frac{2}{3}$, $\frac{6}{4}$
 - $\frac{1}{17}$, $\frac{7}{8}$, $\frac{3}{2}$
 - $\frac{1}{9}$
 - $\frac{5}{21}$, $\frac{5}{13}$

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Just for Practice 5.3:

- $\frac{3}{4}$
 - $\frac{3}{8}$
 - $\frac{6}{12}$
 - $\frac{8}{16}$
- $\frac{6}{9}$
 - $\frac{7}{19}$
 - $\frac{8}{12}$
 - $\frac{9}{17}$
 - $\frac{15}{25}$
 - $\frac{7}{39}$
 - $\frac{8}{44}$
 - $\frac{32}{75}$
 - $\frac{31}{57}$
 - $\frac{34}{35}$
 - $\frac{59}{79}$
 - $\frac{41}{61}$
 - $\frac{22}{54}$
 - $\frac{11}{38}$

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Just for Practice 5.4:

- $\frac{2}{13}$
 - $\frac{1}{21}$
 - $\frac{3}{9}$
 - $\frac{4}{28}$
 - $\frac{11}{33}$
 - $\frac{1}{11}$
 - $\frac{7}{17}$
 - $\frac{4}{43}$
 - $\frac{2}{13}$
- $\frac{4}{5}$
 - $\frac{5}{14}$
 - $\frac{4}{12}$
 - $\frac{5}{5}$



Class : 4 KEY ANSWERS TERM : III

Lesson – 1

GO GREEN

Page No. 55 and 56:

A. Choose the correct answer:

1. biodegradable 3. solid waste
2. incineration 4. electronic waste

B. Answer in one word:

1. vermicomposting 4. biogas / gobar gas
2. incineration 5. old TV (any other relevant answer can be written)
3. land filling

D. Answer the following:

1. Land filling
Incineration
Composting
Vermicomposting
2. Bio gas is used as a fuel to cook and to produce electricity.
3. Saves money.
Makes the environment clean.
Reduces waste dumped in landfills.
4. Vermicompost is a method of using earthworms to convert organic waste into a nutrient rich manure.

E. Classify:

To reuse	To put in a compost pit
Plastic bag, magazine, newspaper, plastic bottle, milk cover, cloth bag, broken plastic buckets.	Egg shell, fruit peels, tea leaves, pencil scraping, cotton roll.

Lesson – 2

THE ANIMAL COMMUNITY

Page No. 69:

B. Fill in the blanks:

1. joey
2. antennae, whiskers
3. habitat
4. butterflies
5. tiger
6. albumen
7. hunting and pollution

C. Answer the following:

1. Animals like snakes have internal ears and birds have holes for ears which helps in sensing the vibrations in the air and tells them about the surroundings.
2. To share their work.
Raise their young ones.
To protect themselves and their young ones from predators.
3. Animals are endangered due to reckless killing.
4. The cow feeds its young one and protects its from external threats.

Lesson – 3

INSECTS

Page No. 79 and 80:

A. Fill in the blanks:

1. Insects 4. firefly
2. Ants 5. moulting
3. chrysalis



B. Find the answers:

1. butterfly
2. house fly
3. bee
4. cockroach

C. Match the following:

1. lady bird
2. mosquito
3. firefly
4. grasshopper
5. cockroach

D. Answer the following:

1. The body of an insect is divided into head, thorax and abdomen.

They have two pairs of wings and six legs.

The body is covered by a hard outer covering or exoskeleton.

2.	<table><tr><th>Moth</th><th>Butterfly</th></tr><tr><td>1. Moths are dull coloured.</td><td>1. Butterflies are colourful insects.</td></tr><tr><td>2. They are active at night.</td><td>2. They are active during day time.</td></tr><tr><td>3. Attracted towards light.</td><td>3. They are attracted to the flowers.</td></tr></table>	Moth	Butterfly	1. Moths are dull coloured.	1. Butterflies are colourful insects.	2. They are active at night.	2. They are active during day time.	3. Attracted towards light.	3. They are attracted to the flowers.
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Lesson – 4**AIR AND ITS PROPERTIES**

Page No. 92 and 93:

A. Choose the correct answer:

1. Nitrogen
2. Oxygen
3. plants
4. 21
5. 420
6. lighter

B. Fill in the blanks:

1. wind
2. water cycle
3. weight, space
4. decreases
5. oxygen

C. Choose the correct property of air from the box provided for the illustrations given below:

1. Air exerts pressure
2. Air occupies space
3. Air has weight
4. Hot air is light
5. Air can move things

D. Who am I?

1. atmosphere
2. oxygen
3. carbon dioxide
4. hot air

E. Answer the following:

1. Plants take in CO_2 to prepare food and animals take in O_2 from air.

2. The composition is as follows

Nitrogen – 78%

Oxygen – 21%

other gases – 1%

3. The properties of air are

Air occupies space

Air has weight

Air can move things

4. The ink fillerworks on air pressure.

When we dip it in the ink and release our hands, the air outside pushes the ink to fill the empty space in the filler.

The ink exerts an equal and opposite pressure on air and never drains out until we press it again.

5. We can prevent air pollution by planting more trees and burning of fuel and plastics.



Class : 4 KEY ANSWERS TERM : III

Lesson – 1

TAMILS AROUND THE WORLD

Page No. 112 and 113:

Let us solve

A. Choose the correct option and complete the following:

- | | |
|---------------------|----------|
| 1. Bonded labourers | 4. Shiva |
| 2. Buddhism | 5. Fiji |
| 3. Trincomalee | 6. Tamil |

B. Match the monuments with the places they are found in:

- | | | |
|----------------------------|---|------------|
| 1. Angkor wat | - | Cambodia |
| 2. Shiva subramanya temple | - | Fiji |
| 3. Batu cave | - | Malaysia |
| 4. Anandha temple | - | Myanmar |
| 5. St. Andrews church | - | Singapore |
| 6. Burma Bazar | - | Tamil Nadu |
| 7. Mariamman Temple | - | singapore |

C. Match the names with the country they are associated with:

- | | | |
|--|---|----------------|
| 1. Powerful naval fleet in Bay of Bengal | - | Cholas |
| 2. Expedition to kadaram | - | Rajendra Chola |
| 3. King Anawrahta Minsaw | - | Myanmar |
| 4. Thomas Stamford Raffles | - | Singapore |

D. Give brief answer:

- Reason for ancient day migration
In ancient days, people migrate
 - To work as labour
 - To do trade

- Countries of the world that Tamil migrated to
Tamils migrated to Srilanka, Malaysia, Singapore, Myanmar, Fiji, Mauritius, Reunion, Cambodia.
- Countries with Tamil on their currency notes.
India, Sri Lanka, Mauritius, Singapore

E. Write in detail on the following:

- The temple of a Thousand Pillars.
 - Koneswaram shiva temple is also called temple of a Thousand Pillars
 - It is located at Trincomalee, Srilanka.
 - It reflects the design of Pallava, Chola, Pandya and Jaffna style.
 - It is one of the most visited temples in Asia.
- Reason for present day migration.
Today, migration is mainly
 - For higher education
 - for better job and business
 - For treatment
 - to exchange culture
 - May be due to war (Refugees/ lack of safety)
- Indian in Fiji.
 - Indians (Tamils) were sent to Fiji by British as Labourers
 - As labourers, people faced a lot of hardships in Fiji
 - They voiced for the need of equal rights.
 - A wing called Indian Sanmarga Mathar Sangam feed the poor and hungry Tamils in Fiji.
- Indians in myanmar
 - large number of Indians(Tamils) migrated to Myanmar during British rule.
 - They worked as Labourers in the rice field and rubber Plantations.
 - They had a very good knowledge on farming methods.
 - As majority of Tamils are Hindus, manyHindu temples are found.



- v. They built the temples with North Indian and south Indian Style.
5. Anandha temple:
- i. The Anandha temple is located in Bagan, Myanmar
 - ii. It is a Buddhist temple
 - iii. It is in Dravidian style
 - iv. The features of architecture shows signs of both North and South Indian Style of construction.

Lesson – 2

THE STORY OF THE MADRAS PRESIDENCY

Let us solve

Page No. 126 and 127:

A. Choose the correct answer:

- | | |
|-----------------|---------------------------|
| 1. 1801 | 5. Pallalva Dynasty |
| 2. Madras | 6. Gangaikonda cholapuram |
| 3. 1969 | 7. Coutallam |
| 4. Edward Clive | 8. Rajah serfoji |

B. Write True or False:

- | | | |
|----------|----------|----------|
| 1. False | 3. False | 5. false |
| 2. False | 4. False | |

C. Answer the following:

1. Gingee fort is also known as the 'Troy of the East. It is built across three hillocks
2. i. Thirumalai Nayakkar Palace is a fusion of Dravidian and Islamic architecture
ii. The courtyard and the dancing hall are centres of attractions.
3. Hogenakkal, Mettur dam and Hosur are the tourist places in Salem district
4. i. kallanai is an ancient dam built across the river cauvery
ii. It is built by karikala Cholan
5. Mamallapuram, Auroville, Courtallam Waterfalls, ooty hill station, Brihadeeshwara Temple, Thirumalai Nayakkar Palace, etc.

D. Write a short note on the following districts:

1. The Nilgiris:
 - i. Nilgiris is the oldest mountain ranges known for its natural beauty
 - ii. Doddabetta is the highest peak in this hill
 - iii. Ooty, the Queen of Hill Station is situated here.
2. Thanjavur:
 - i. Thanjavur is located in Cauvery delta.
 - ii. It is called as the 'Rice Bowl of Tamil Nadu
 - iii. It was the capital of earlier Chola Kingdom
 - iv. The famous Brihadeeshwara Temple, Manora Fort and Kallanai dam are located in this district.
3. South Arcot:
 - i. Villupuram and cuddalore districts falls under this region
 - ii. Tourist places of south Arcot are Auroville, Gingee fort, Port Novo, etc
 - iii. Auroville is an experimental township in south India
4. Thirunelveli District:
 - i. Thirunelveli is located on the bank of the river Tamiraparani
 - ii. The famous Courtallam Waterfalls is known as the 'Spa of South India'
 - iii. Kattabomman Memorial fort are important tourist places in this region
 - iv. Thoothukudi in this district is called as Pearlcity.

Lesson – 3

RIGHTS AND DUTIES OF THE CHILDREN

Let us solve

Page No. 136 and 137:

A. What human right is represented in each of these pictures?

1. Right to protection
2. Right to participation

3. Right to development/ education
4. Right to education
5. Right to survival
6. Right to basic health care

B. Write True or False:

- | | |
|---------|----------|
| 1. True | 4. True |
| 2. True | 5. False |
| 3. True | |

C. Answer the following questions:

1. i. Right to survival
ii. Right to development
iii. Right to protection
iv. Right to participation
v. Right to basic health care
vi. Right to Education

2. The rule book of our country is known as the Constitution. It consists of a list of rules
3. A person who is born in a country or has been living in a country for a given number of years, is a citizen of that country
4. i. Help with the chores
ii. Keep your things tidy and neat
iii. Respect your elders

D. Match the situation with the right that it represents:

1. Right to development
2. Right against child labour
3. Right to protection
4. Right to education
5. Refugee rights
6. Right to personal safety

