

HARI VIDYA BHAWAN

Revision Worksheet – 7

Class – VI

Chapter 7 : Fractions (REVISION)

Subject : Mathematics

Date : 01/02/2021

INSTRUCTIONS :

***Please note from now onwards all worksheets should be completed in the notebook of respective subjects.**

These worksheets will be considered as your periodic test. Marks will be given on completion else you will have to appear for a pen-paper test once the school reopens.

***Read every topic which will be given in worksheet of the chapter from your coursebook.**

***All the students must purchase course books as it will enable you to understand the chapter.**

***All queries regarding worksheets shall be resolved from 8:00 am - 3:00 pm**

***Kindly download active app which is must for your effective learning.**

-----1. Arya, Abhimanyu, and Vivek shared lunch. Arya has brought two sandwiches, one made of vegetable and one of jam. The other two boys forgot to bring their lunch. Arya agreed to share his sandwiches so that each person will have an equal share of each sandwich.

(a) How can Arya divide his sandwiches so that each person has an equal share?

(b) What part of a sandwich will each boy receive?

2. What fraction of a day is 8 hours?

3. What fraction of an hour is 40 minutes?

4. Kanchan dyes dresses. She had to dye 30 dresses. She has so far finished 20 dresses. What fraction of dresses has she finished?

5. Write the natural numbers from 2 to 12. What fraction of them are prime numbers?

6. Write the natural numbers from 102 to 113. What fraction of them are prime numbers?

7. Kristin received a CD player for her birthday. She bought 3 CDs and received 5 others as gifts. What fraction of her total CDs did she buy and what fraction did she receive as gifts?

8. Draw number lines and locate the points on them:

(a) $1/2$, $1/4$, $3/4$, $4/4$

(b) $1/8$, $2/8$, $3/8$, $7/8$

9. Express the following as mixed fractions:

(a) $20/3$

(b) $11/5$

(c) $17/7$

10. Replace \square in each of the following by the correct number:

(a) $2 / 7 = 8 / \square$

(b) $5 / 8 = 10 / \square$

(c) $3 / 5 = \square / 20$

(d) $45 / 60 = 15 / \square$

11. Find the equivalent fraction of $3 / 5$ having

(a) denominator 20

(b) numerator 9

(c) denominator 30

12. Find the equivalent fraction of $36 / 48$ with

(a) numerator 9

(b) denominator 4

HARI VIDYA BHAWAN
CLASS – 6th
SOCIAL SCIENCE
REVISION WORKSHEET – 7

DATE: 02/02/2021

General Instructions: -

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2. These worksheets will be considered as your periodic test. Marks will be given on completion else you will have to appear for pen paper test once the school reopens.
3. Read every topic which will be given in worksheet of the chapter from your course book.
4. All the students must purchase course books as it will enable you to understand the chapter.
5. All queries regarding worksheets shall be resolved from 8:00 a.m. to 3:00p.m.
6. See video 3.9.3 on active app and read chapter 9 of civics from social science course book for this worksheet as it will help you to understand the topic.
7. Kindly download active app which is must for your effective learning.

CIVICS
CHAPTER – 9
Urban Livelihoods

Que 1. Choose the correct answer:

1. Agriculture and mining are a few examples of _____ occupation.
(a) Primary (b) secondary (c) tertiary (d) business
2. Nearly _____ million people work as street vendors in the urban areas of the country.
(a) 9 (b) 10 (c) 11 (d) 12
3. People who sell goods and food on the streets are called _____.
(a) Salespeople (b) trader (c) street vendor (d) chaiwalla
4. Businessmen register themselves with the _____.
(a) Government (b) municipal corporation (c) neighbourhood they live in (d) none of these
5. Factories employ people on _____ basis.
(a) A regular (b) an irregular (c) a contract (d) a frequent

Que 2. Fill in the blanks:

1. The occupations based on the use of natural resources are termed as _____.
2. People who sell food in a cart that can be dismantled at any time are called _____.

3. Wage earners sometimes have to stay _____ when their services are not required.
4. Businessmen are _____ because they are not employed by anybody.
5. Regular employee receives _____ unlike casual workers.

HARI VIDYA BHAWAN
Revision Worksheet – 7
Class – VII
Chapter- 7 : CONGRUENCE OF TRIANGLES (REVISION)
Subject : Mathematics Date : 2/02/2021

INSTRUCTIONS :

*Please note from now onwards all worksheets should be completed in the notebook of respective subjects.

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Complete the following statements:

(a) Two line segments are congruent if _____.

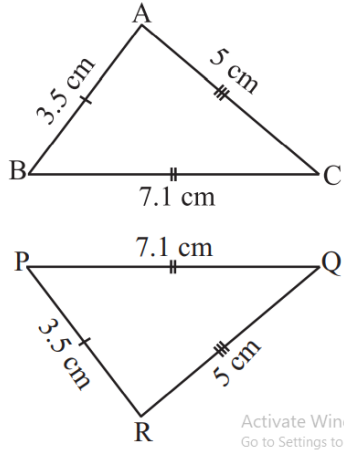
(b) Among two congruent angles, one has a measure of 70° ; the measure of the other angle is _____.

(c) When we write $\angle A = \angle B$, we actually mean _____.

2. Give any two real-life examples for congruent shapes.

3. If $\triangle ABC \cong \triangle FED$ under the correspondence $ABC \leftrightarrow FED$, write all the corresponding congruent parts of the triangles.

4. In triangles ABC and PQR, $AB = 3.5$ cm, $BC = 7.1$ cm, $AC = 5$ cm, $PQ = 7.1$ cm, $QR = 5$ cm and $PR = 3.5$ cm. Examine whether the two triangles are congruent or not.

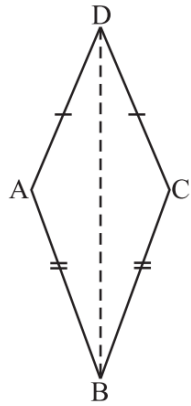


5. In Fig. $AD = CD$ and $AB = CB$.

(i) State the three pairs of equal parts in $\triangle ABD$ and $\triangle CBD$.

(ii) Is $\triangle ABD \cong \triangle CBD$? Why or why not?

(iii) Does BD bisect $\angle ABC$? Give reasons.

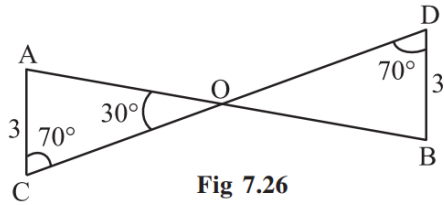


6. Given below are measurements of some parts of two triangles. Examine whether the two triangles are congruent or not, by using SAS congruence rule. If the triangles are congruent, write them in symbolic form.

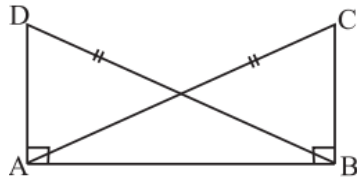
$\triangle ABC$
 $AB = 7 \text{ cm}, BC = 5 \text{ cm}, \angle B = 50^\circ$

$\triangle DEF$
 $DE = 5 \text{ cm}, EF = 7 \text{ cm}, \angle E = 50^\circ$

7. For ASA congruence rule, we need the two angles between which the two sides BC and RP are included. So, the additional information is as follows: $\angle B = \angle R$ and $\angle C = \angle P$



8. In Fig 7.31, $DA \perp AB$, $CB \perp AB$ and $AC = BD$. State the three pairs of equal parts in $\triangle ABC$ and $\triangle DAB$. Which of the following statements is meaningful? (i) $\triangle ABC \cong \triangle BAD$ (ii) $\triangle ABC \cong \triangle ABD$



9. In a squared sheet, draw two triangles of equal areas such that (i) the triangles are congruent. (ii) the triangles are not congruent. What can you say about their perimeters?

10. . Draw a rough sketch of two triangles such that they have five pairs of congruent parts but still the triangles are not congruent.

HARI VIDYA BHAWAN
CLASS - 7th
SOCIAL SCIENCE
REVISION WORKSHEET 7

DATE: 02/02/2021

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Geography
CHAPTER - 6
TOPIC - Water and its Circulation

Q A. Choose the correct answer and fill in the blanks.

1. The amount of fresh water on Earth is _____.
a) 3% b) 5% c) 7% d) 9%
2. Which of the following is a cold current?
a) Kuroshio b) Oyashio c) North Equatorial current d) Brazilian current
3. The upper part of a wave is called _____.
a) crust b) crest c) summit d) trough
4. Extra high tides are called _____.
a) Neap tides b) giant tides c) autumn tides d) spring tides
5. Which of the following is a warm current?
a) Labrador current b) Peru current c) Gulf stream d) West wind drift

Q B. Fill in the blanks.

1. About _____ % of the surface of the Earth is covered with water.
2. Water vapour condenses to form _____.
3. _____ is the amount of salt in the ocean water.
4. The horizontal distance between two wave crests or two wave trough is called _____ length.
5. Kandla in _____ is a tidal port.

Q C. True and False

1. Some of the precipitation percolates down into the Earth. _____
2. Magnesium sulphate is the most common salt dissolved in water. _____

HARI VIDYA BHAWAN

Revision Worksheet – 7

Class – VIII

Chapter- 7: Cube and cube roots (REVISION)

Subject : Mathematics

Date : 2/02/2021

INSTRUCTIONS :

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-

1. What will be the unit digit of the cubes of the following numbers?

- i. 81
- ii. 272
- iii. 799
- iv. 3853
- v. 1234

2. The following numbers are obviously not perfect cubes. Give reason.

- (i) 3331
- (ii) 1024
- (iii) 8888

(iv) 1057

Express the following numbers as the sum of odd numbers using the above pattern?

(a) 6^3

(b) 8^3

4. Which of the following are perfect cubes?

1. 400

2. 9000

3. 3375

4. 6859

5. 8000

6. 2025

5. Is 53240 a perfect cube? If not, then by which smallest natural number should 53240 be divided so that the quotient is a perfect cube?

6. Is 68600 a perfect cube? If not, find the smallest number by which 68600 must be multiplied to get a perfect cube.

7. Parikshit makes a cuboid of plasticine of sides 5 cm, 2 cm, 5 cm. How many such cuboids will he need to form a cube?

8. Find the cube root of 8000.

9. State true or false.

- (i) Cube of any odd number is even.
- (ii) A perfect cube does not end with two zeros.
- (iii) If square of a number ends with 5, then its cube ends with 25.
- (iv) There is no perfect cube which ends with 8.
- (v) The cube of a two digit number may be a three digit number.
- (vi) The cube of a two digit number may have seven or more digits.
- (vii) The cube of a single digit number may be a single digit number.

HARI VIDYA BHAWAN
CLASS – 8th
SOCIAL SCIENCE
REVISION WORKSHEET – 7

DATE: 02/02/2021

General Instructions :-

1. Please note from now onwards all worksheets should be completed in notebook of respective subject.
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3. Read every topic which will be given in worksheet of the chapter from your course book.
4. All the students must purchase course books as it will enable you to understand the chapter.
5. All queries regarding worksheets shall be resolved from 8:00 a.m. to 3:00p.m.
6. See video 2.4.3 on active app and read chapter 4 of geography from social science course book for this worksheet as it will help you to understand the topic.
7. Kindly download active app which is must for your effective learning.

GEOGRAPHY
CHAPTER – 4
Natural Vegetation and
Wildlife Resources

Que 1. Choose the correct answer:

1. The grasslands of the Brazilian Highlands are also known as_____.
(a) Savanna (b) Campos (c) Ilanos (d) veld
2. _____ is a cold desert.
(a) Sahara (b) Namib (c) Patagonia (d) Atacama
3. Which of the following trees is not found in the temperate deciduous forest? _____
(a) Rosewood. (b) Oak (c) maple (d) redwood
4. Marsupials are found in_____.
(a) Africa (b) Europe (c) Asia (d) Australia
5. Citrus fruit trees are found in the _____forests.
(a)Mediterranean (b) Rain (c) Taiga (d) Monsoon

Que 2. Fill in the blanks:

1. A region with naturally occurring flora and fauna that have adapted themselves to their environment forms a _____.
2. The main species of _____ trees are pine, fir, spruce and cedar.
3. The temperate grasslands of Africa are called_____.
4. _____ is a flightless bird of South America.

5. Seals and walruses are found in the seas of the _____ region.

Que 3. Short answers:

1. What do you mean by natural vegetation?

2. Where are Tropical evergreen forests found?

Que 4. Long answers:

1. Enumerate the various measures of forest conservation?

2. Discuss the steps that are being taken to protect wildlife?
