

**HARI VIDYA BHAWAN**

**Revision Worksheet – 8**

**Class – VI**

**Chapter 6 : Integers (REVISION)**

**Subject : Mathematics**

**Date : 5/02/2021**

**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.**

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1. Write opposites of the following:

(a) Increase in weight

(b) 30 km north

(c) 80 m east

(d) Loss of Rs 700

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2. Represent the following numbers as integers with appropriate signs.

(a) An aeroplane is flying at a height two thousand metre above the ground.

(b) A submarine is moving at a depth, eight hundred metre below the sea level.

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3. Represent the following numbers on a number line:

(a) + 5

(b) - 10

(c) + 8

(d) - 1

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4. In each of the following pairs, which number is to the right of the other on the number line?

(a) 2, 9

(b) - 3, - 8

(c) 0, - 1

(d) - 11, 10

(e) - 6, 6

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5. Write all the integers between the given pairs (write them in the increasing order.)

(a) 0 and  $-7$

(b)  $-4$  and  $4$

(c)  $-8$  and  $-15$

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6. Write four negative integers greater than  $-20$ .

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7. Write four integers less than  $-10$ .

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8. For the following statements, write True (T) or False (F). If the statement is false, correct the statement.

(a)  $-8$  is to the right of  $-10$  on a number line.

(b)  $-100$  is to the right of  $-50$  on a number line.

(c) Smallest negative integer is  $-1$ .

(d)  $-26$  is greater than  $-25$ .

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9. Draw a number line and answer the following:

- (a) Which number will we reach if we move 4 numbers to the right of  $-2$ .
- (b) Which number will we reach if we move 5 numbers to the left of 1.

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10. Using the number line write the integer which is:

- (a) 3 more than 5
- (b) 5 more than  $-5$
- (c) 6 less than 2

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11. Use number line and add the following integers:

- (a)  $9 + (-6)$
- (b)  $5 + (-11)$
- (c)  $(-1) + (-7)$

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12. Find the sum of:

- (a) 137 and  $-354$

(b) – 52 and 52

(c) – 312, 39 and 192

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**HARI VIDYA BHAWAN**  
**CLASS – 6<sup>th</sup>**  
**SOCIAL SCIENCE**  
**REVISION WORKSHEET – 8**

**DATE: 05/02/2021**

**General Instructions: -**

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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 Livelihood**

**Que 1. Very short answers:**

1. What are tertiary occupations?

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2. What is migration?

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**Que 2. Short answers:**

1. What do you understand by secondary occupations?

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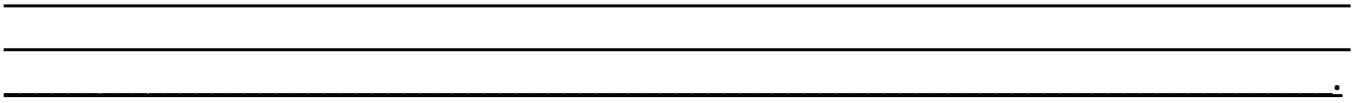
2. How are casual workers paid?

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**Que 3. Long answers:**

1. Why do people migrate rural to urban areas?



**HARI VIDYA BHAWAN**

**Revision Worksheet – 8**

**Class – VII**

**Chapter 6 : The triangle and it's properties (REVISION)**

**Subject : Mathematics**

**Date : 5/02/2021**

**INSTRUCTIONS :**

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-----1. Draw rough sketches for the following:

(a) In  $\triangle ABC$ , BE is a median.

(b) In  $\triangle PQR$ , PQ and PR are altitudes of the triangle.

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2. Verify by drawing a diagram if the median and altitude of an isosceles triangle can be same.

\_\_\_\_\_

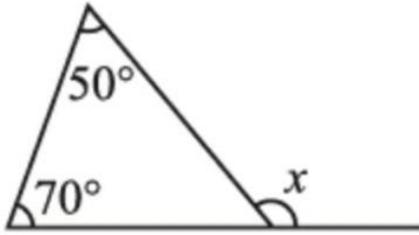
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3. Find the value of the unknown exterior angle  $x$  in the following diagram.



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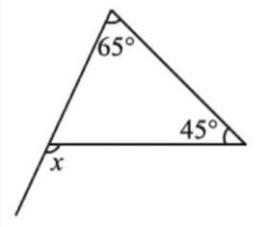
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4. Find the value of the unknown exterior angle  $x$  in the following diagram.



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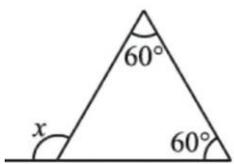
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5. Find the value of the unknown exterior angle  $x$  in the following diagram.



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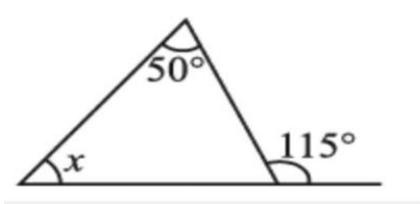
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6. Find the value of the unknown interior angle  $x$  in the following figure.



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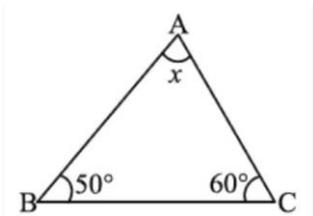
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7. Find the value of the unknown  $x$  in the following diagram.



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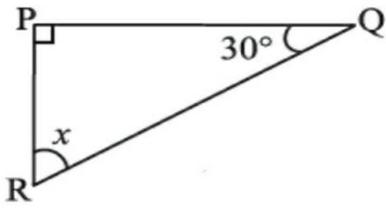
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8. Find the value of the unknown  $x$  in the following diagram.



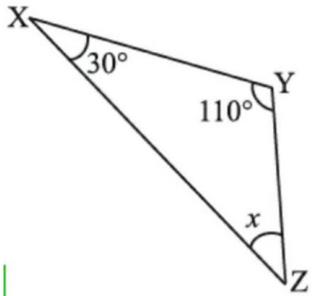
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9. Find the value of the unknown  $x$  in the following diagram.



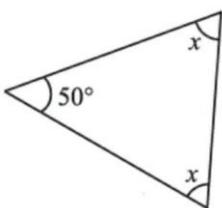
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10. Find the value of the unknown  $x$  in the following diagram.



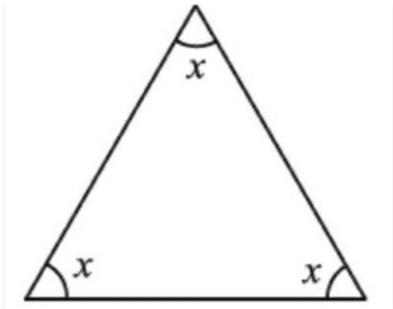
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11. Find the value of the unknown  $x$  in the following diagram.



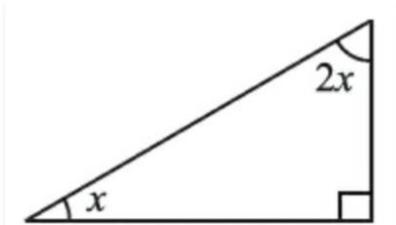
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12. Find the value of the unknown  $x$  in the following diagram.



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**HARI VIDYA BHAWAN**  
**CLASS - 7<sup>th</sup>**  
**SOCIAL SCIENCE**  
**REVISION WORKSHEET 8**

**DATE: 05/02/2021**

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**Geography**  
**CHAPTER - 6**  
**TOPIC - Water and its Circulation**

**QA. Very short answers:**

1. What are the three types of movement of ocean water?

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**Q B. Short answers:**

1. What do you mean by salinity of ocean water? What is the average salinity of ocean water?

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2. How are waves caused?

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**Q C. Long answers:**

1. With the help of a diagram describe the water cycle.

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# HARI VIDYA BHAWAN

## Revision Worksheet – 8

Class – VIII

### Chapter- 6: Squares and square roots (REVISION)

Subject : Mathematics

Date : 5/02/2021

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#### INSTRUCTIONS :

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

- i. 81
- ii. 272
- iii. 799
- iv. 3853
- v. 1234
- vi. 26387

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

- i. 1057
- ii. 23453

iii. 7928

iv. 222222

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3. The squares of which of the following would be odd numbers?

i. 431

ii. 2826

iii. 7779

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4. Observe the following pattern and find the missing numbers.  $112 = 121$

$$1012 = 10201$$

$$10012 = 1002001$$

$$1000012 = 1 \dots\dots 2 \dots\dots 1$$

$$100000012 = \dots\dots\dots$$

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5. Observe the following pattern and supply the missing numbers.  $112 = 121$

$$1012 = 10201$$

$$101012 = 102030201$$

$$10101012 = \dots\dots\dots$$

$$\dots\dots\dots 2 = 10203040504030201$$

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6. Using the given pattern, find the missing numbers.  $12 + 22 + 22 = 32$

$$22 + 32 + 62 = 72$$

$$32 + 42 + 122 = 132$$

$$42 + 52 + \underline{\quad}2 = 212$$

$$5 + \underline{\quad}2 + 302 = 312$$

$$6 + 7 + \underline{\quad}2 = \underline{\quad}2$$

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7. Express 49 as the sum of 7 odd numbers.

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8. Express 121 as the sum of 11 odd numbers.

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9. How many numbers lie between squares of the following numbers?

i. 12 and 13

ii. 25 and 26

iii. 99 and 100

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10. Find the square of the following numbers.

i. 32

ii. 35

iii. 86

iv. 93

v. 71

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11. Write a Pythagorean triplet whose one member is.

i. 6

ii. 14

iii. 16

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12. Find the square roots of 100 and 169 by the method of repeated subtraction.

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**HARI VIDYA BHAWAN**  
**CLASS – 8<sup>th</sup>**  
**SOCIAL SCIENCE**  
**REVISION WORKSHEET – 8**

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6. See video 2.10.3 on active app and read chapter 10 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 – 10**  
**Human Resources**

**Que 1. Choose the correct answer:**

1. In 2011, the number of females per 1000 males in India was \_\_\_\_\_.  
(a) 923                      (b) 933                      (c) 945                      (d) 943
2. The two most populous continents of the world are \_\_\_\_\_.  
(a) North America and South America                      (b) North America and Europe  
(c) Asia and Europe                      (d) Asia and Africa
3. Which of the following countries is not densely populated?  
(a) Canada                      (b) Singapore                      (c) France                      (d) India
4. Which of the following is an underdeveloped country?  
(a) Japan                      (b) Sweden                      (c) South Africa                      (d) Ethiopia
5. The estimated population of the world today is more than \_\_\_\_\_.  
(a) 7 billion                      (b) 4 billion                      (c) 2 billion                      (d) 1 billion

**Que2. Write true or false:**

1. The knowledge and skill of the people are more important factors in the development of a nation rather than its numbers. \_\_\_\_\_
2. India has a favourable sex ration. \_\_\_\_\_
3. Higher the literacy rate, lower the level of economic development of a nation. \_\_\_\_\_
4. South Asia is a densely populated region. \_\_\_\_\_
5. Australia has a large number of immigrant population. \_\_\_\_\_

**Que 3. Fill in the blanks:**

1. Human beings add \_\_\_\_\_ to the natural resources.
2. The 15-64 age group is known as the \_\_\_\_\_ population.
3. \_\_\_\_\_ has the highest literacy rate in India.
4. \_\_\_\_\_ is the movement of people out of a country.
5. Switzerland has \_\_\_\_\_ birth rate.

**Que4. Match the columns:**

Column A	Column B
1. 0 to 14 years	a. Literacy
2. People moving out of a region	b. Dense population
3. Ability to read and write	c. Dependent population
4. Amazon Basin	d. Emigrants
5. Great Lakes	e. Sparse population