



# ST. LAWRENCE HIGH SCHOOL

A Jesuit Christian Minority Institution

WORK SHEET - 12

CLASS -VI

SUBJECT -ALGEB & GEOM CHAPTER 17 - ANGLES & THEIR PROPERTIES

F.M - 15

Date -27 .04.20

TOPIC - ANGLES- DEGREES, MINUTES & SECONDS

I. Multiple choice questions : (Select the correct option)

(15)

1.The \_\_\_\_\_ is a unit of measure for angles.

- a) degree      b) km      c) litres      d) none of these.

2.  $1^\circ =$  \_\_\_\_\_

- a) 60'    b) 60"    c) 1"    d) none of these.

3.A boat is sailing north east . A little later it is found sailing south. Through what angle has it turned ?

- a)  $150^\circ$     b)  $180^\circ$     c)  $135^\circ$     d)  $45^\circ$

4.The minute hand when it moves  $330^\circ$  from 11 O' clock is now at

- a) 9 O' clock    b) 11 O' clock    c) 12 O' clock    d) 10 O' clock.

**If the hour and minute hands of a clock is both at 12, then answer the following questions :**

**Through how many degrees does the hour hand of a clock turn in : ( No 5 - No 7 )**

5. 1 minute

- a)  $1/2^\circ$     b)  $3^\circ$     c)  $4^\circ$     d)  $5^\circ$  .

6. 10 minutes

- a)  $10^\circ$     b)  $5^\circ$     c)  $30^\circ$     d)  $45^\circ$

7. 30 minutes

- a)  $60^\circ$     b)  $20^\circ$     c)  $15^\circ$     d) none of these.

**Through how many degrees does the minute hand of a clock turn in :( No 8 - No 10)**

8. 1 minute

- a)  $6^\circ$     b)  $3^\circ$     c)  $4^\circ$     d)  $5^\circ$  .

9. 8 minutes

- a)  $30^\circ$     b)  $40^\circ$     c)  $48^\circ$     d) none of these .

10.  $\frac{3}{4}$  hours

a)  $360^\circ$  b)  $270^\circ$  c)  $450^\circ$  d)  $500^\circ$  .

**What is the time on the clock when the hour hand moves clockwise: (No 11 – No 12)**

11.  $60^\circ$  from 6 O' clock

a) 5 O' clock b) 8 O' clock c) 10 O' clock d) none of these..

12.  $180^\circ$  from 10 O' clock

a) 7 O' clock b) 4 O' clock c) 10 O' clock d) none of these.

13. Add :  $47^\circ 48' 52''$  and  $36^\circ 57' 39''$

a)  $84^\circ 46' 31''$  b)  $86^\circ 47' 39''$  c)  $76^\circ 57' 79''$  d) none of these.

14. Subtract :  $37^\circ 48' 37''$  from  $83^\circ 24' 13''$

a)  $4^\circ 90' 91''$  b)  $6^\circ 40' 13''$  c)  $45^\circ 35' 36''$  d) none of these.

15. Add :  $47^\circ 28' 55''$  and  $27^\circ 35' 49''$

a)  $94^\circ 76' 11''$  b)  $75^\circ 4' 44''$  c)  $76^\circ 5' 69''$  d) none of these.

By – U. James Riju.