



VIDYA BHARATI SCHOOL

OLYMPIAD WORKSHEET: December - 2017

GRADE: V

SUBJECT: MATHEMATICS

Q1 Find the missing value of rectangle

$L=23$ cm, $B = \text{-----}$, Perimeter = 110 m, Area= 736 sq m

A) 23 cm B) 32 cm C) 32 m D) 23 m

Q2 The complement of an angle of 50° is

A) 20° B) 40° C) 130° D) 120°

Q3 Which of the following contains the types of angles in correct ascending order of their measures?

- A) Acute, obtuse, right, straight, reflex
- B) Acute, right, straight, reflex
- C) obtuse, right, straight, reflex, acute
- D) reflex, obtuse, right, straight, acute

Q4 How many degrees the minute hand of a clock turn through in an hour?

A) 90° B) 180° C) 270° D) 360°

Q5 The supplement of an angle of 85° is

A) 80° B) 90° C) 95° D) 105°

Q6 By what angle does a soldier turn when he takes an "about turn" ?

A) 90° B) 180° C) 360° D) None of these

Q7 Each of the following is smaller than a straight angle, except

A) Acute angle B) Obtuse angle C) Reflex angle D) Right angle

Q8 How many chords of circle can we draw ?

A) 1 B) 2 C) 4 D) Any number

Q9. The ----- of a circle divides it into two equal halves.

A) radius B) chord c) diameter d) arc

- Q 10. Which of the following has the greatest area?
- A) A rectangle of L=18m,B=18m B) A square of side =13 m
 C) A rectangle of L=12m,B=14 m D) All have the same area
- Q11. 1 sq m= _____ sq cm
- A)10000 B) 100 C) 10 D) 1000
- Q12. Each of the four Ronald brothers has a sister .Altogether ,how many kids are there in the family?
- A) 6 B) 8 C) 5 D)7
- Q13 The school starts exactly at 9: am.If each period lasts 40 minutes and there are 5 minutes between periods,When will the fourth period end?
- A)11:20 am B) 10:55 aam C)11:55 am D) none of the above
- Q 14 Sanket earns twice as much in the month of Mmarch as in each of the other months of year.What part of his entire annual earnings was earned in March?
- A) $\frac{2}{13}$ B) $\frac{2}{12}$ C) $\frac{1}{13}$ D) $\frac{1}{12}$
- Q 15 5:47 may be written as _____ minutes to 6
- A) 12 B)13 C)14 D)11
- Q 16 If in a certain year 7th March falls on a Tuesday then the day on 19th March is
- A)Sunday B)Monday C)Tuesday D) Wednesday
- Q 17 If the day after tomorrow is Thursday, the day before yesterday was
- A)Monday B)Sunday C) Wednesday D)Thursday
- Q18 Reeta took 25 days leave from office when did she join the office if her leave started from 19th September?
- (A)14th oct B)15th oct C) 16th oct D)17th oct
- Q19 How long does the hour hand take to turn through 180°
- A) 5 hours B)9 hours C) 6 hours D) 7 hours
- Q 20 How many degrees does the hour hand turn through when it moves from 5 to 9?
- A) 60° B) 120° C) 180° D) 150°

*For more practice material please click: www.brilliant.org; www.sofolympiadtrainer.co
www.olympiadhelper.com