



VIDYA BHARATI SCHOOL
OLYMPIAD WORKSHEET: NOV- 2017
GRADE: VII
SUBJECT: MATHEMATICS

1. If $\frac{3}{15}$ of a number is 1, the number is -
(a) 15 (b) $\frac{5}{3}$ (c) 25 (d) $\frac{2x}{3}$

2. Regular octagon has-----
(a) 3 axes of symmetry (b) axes of symmetry (c) 1 axes of symmetry (d) None of these

3. Isosceles triangle has -----lines of symmetry
(a) 1 (b) 2 (c) 3 (d) 0

4. A rectangle has ----- lines of symmetry
(a) 1 (b) 2 (c) 3 (d) 0

5. The cost of a dozen pencils is Rs. 72, so the cost of 2 pencils is -
(a)Rs. 36 (b) Rs. 12 (c) Rs. 10 (d) Rs. 6

6. Regular hexagon has -----lines of symmetry

(a) 5 (b) 6 (c) 8 (d) None of these

7. If 5 more than 3 times a number is 17, then the number is-
(a) 4 (b) 5 (c) 2 (d) 3

8. 81% of Rs. 3240 is approximately equal to

(a)Rs. 3000 (b) Rs. 3200 (c) Rs. 2600 (d) Rs. 2000

9. $\frac{11}{20}$ is

(a) more than 50% (b) less than 50% (c) less than 50% (d) more than 75%

10. Which of the following is not a rational number?

(a) 2 (b) -3 (c) $\frac{3}{4}$ (d) $\frac{3}{0}$

11. $\frac{1}{4}$ is equal to

- (a) 0.25 (b) 2.5 (c) 0.025 (d) 0.20

12. If two angles have the same measure, they are

- (a) congruent (b) parallel (c) corresponding (d) None of these

13. State which of these is a rational number,

- (a) 0.34 (b) $\sqrt{3}$ (c) π (d) $\frac{7}{0}$

14. Among two congruent angles, one has a measure of 110° , the measure of the other angle is

- (a) 110° (b) 20° (c) 70° (d) 90°

15. Additive inverse of $-\frac{7}{8}$ is -

- (a) $\frac{8}{7}$ (b) $-\frac{8}{7}$ (c) $\frac{7}{8}$ (d) $-\frac{7}{8}$

16. Fill the blank: $__ \times (-12) = 132$

- (a) 10 (b) 12 (c) -11 (d) 11

17. What number is 60% of 45?

- (a) 7.5 (b) 27 (c) -2.7 (d) 118

18 The supplement of 72° is -

- (a) 72° (b) 18° (c) 108° (d) 180°

19. $0/10$ is equal to -

- (a) 0 (b) 10 (c) 3 (d) 30

20. 21% of 800 is approximately equal to

- (a) $\frac{1}{4}$ of 800 (b) $\frac{1}{5}$ of 800 (c) $\frac{1}{3}$ of 800 (d) $\frac{1}{8}$ of 800

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