



# VIDYA BHARATI SCHOOL

OLYMPIAD WORKSHEET: February, 2017

GRADE:VI

SUBJECT:MATHS

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- Find the degree of the polynomial  $pqrs-p^2$   
a. 1                      b. 2                      c. 3                      d. 4
- Showing the man on the stage, Sneha says, "He is the brother of my uncle's daughter". How is Sneha related to the man ?  
a. Aunt                      b. Nephew                      c. Cousin                      d. Daughter
- .354 as a percentage is  
a] 35.4%                      b] 3.54%                      c] 354%                      d] .354%
- The simplest form of 25 girls to 625 boys in a school is  
a. 5:7                      b. 1:25                      c. 3:4                      d. 1:5
- Which of the following are triangles?  
a] 60,60,60                      b] 80,80,70                      c] 40,40, 40                      d] none of these
- Which of the following are triangles?  
a] 7cm 8cm 7 cm                      b] 2 cm 8cm 4 cm                      c] 5 cm 5 cm 12 cm                      d] none of these
- Sneha purchased 1500 tube-lights for her shop at Rs. 50 each. During transportation 300 tube-lights got damaged, and she sold remaining tube-lights at price of Rs. 60 each. Find overall profit/loss in %.  
a. 9% loss                      b. 4% loss                      c. 14% loss                      d. 1% profit
- In a competitive exam, there are 60 questions. Students can score 2 marks for each correct answer while 2 marks are deducted for each incorrect answer. If Ramakrishnan answered 2 questions correctly, how many marks did he get?  
a)-112                      b)116                      c)4                      d)undefined



19. Which of the following statement are not true for a rectangle

a] it has two pair of equal sides b] diagonals are equal c] all angles are equal

d]all sides are equal

20. Identify binomial from the following:-

a]  $7+a+5b$

b]  $2b-3b^2$

c]  $pqr$

d]  $x+x^2+x^3+x^4$

\*For more practice material please click:[www.brilliant.org](http://www.brilliant.org);[www.sofolympiadtrainer.com](http://www.sofolympiadtrainer.com);

[www.olympiadhelper.com](http://www.olympiadhelper.com)

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