

$\frac{1}{2\sqrt{3} - \sqrt{5}}$  के हर का परिमेयकरण करने के लिए गुणनखण्ड होगा :

- (A)  $\sqrt{5} - 2\sqrt{3}$  (B)  $\sqrt{3} + 2\sqrt{5}$   
(C)  $\sqrt{12} + \sqrt{5}$  (D) इनमें से कोई नहीं।

2. Which of the following is **not** a polynomial ?

- (A) 3 (B)  $3x^2 + \sqrt{5}x$  (C)  $x^2 + \frac{1}{x^2} - 4$  (D)  $\pi t^7 - 3t^2 + 4$

निम्न में से कौन सा बहुपद नहीं है ?

- (A) 3 (B)  $3x^2 + \sqrt{5}x$  (C)  $x^2 + \frac{1}{x^2} - 4$  (D)  $\pi t^7 - 3t^2 + 4$

3. What is the coefficient of  $x^2$  in the polynomial  $\frac{\pi}{6}x^2 - 3x + 4$  ?

- (A) -3 (B) 4 (C)  $\frac{\pi}{6}$  (D) 0

बहुपद  $\frac{\pi}{6}x^2 - 3x + 4$  में  $x^2$  का गुणांक है :

- (A) -3 (B) 4 (C)  $\frac{\pi}{6}$  (D) 0

4. If  $p(x) = 2x^3 - 3x^2 + 4x - 2$ , then  $p(-1)$  is :

- (A) -2 (B) -11 (C) 0 (D) 1

यदि  $p(x) = 2x^3 - 3x^2 + 4x - 2$  है, तो  $p(-1)$  है :

- (A) -2 (B) -11 (C) 0 (D) 1

5. In  $\Delta ABC$ ,  $\angle A = \angle B/2 = \angle C/6$ . Then the measure of  $\angle A$  is :

- (A)  $60^\circ$  (B)  $30^\circ$  (C)  $40^\circ$  (D)  $20^\circ$

$\Delta ABC$  में,  $\angle A = \angle B/2 = \angle C/6$ , तो  $\angle A$  का मान है :

# Nmaths Question Paper And Memo

**SA Adler**



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web fastener and screw bolt design formula calculations width across metric nut flats the width across flats of nut shall be the distance measured perpendicular to the axis of nut overall between two opposite sides of the nut in accordance with the notes on respective dimensional tables

*bolted joints iit bombay* - Dec 12 2022

web me 423 machine design instructor rameshsingh thread nomenclature 12 bolt specification shigley s mechanical engineering design nominal diameter  $\frac{1}{4}$  20 x  $\frac{3}{4}$  in unc 2 grade 5 hex head bolt threads per inch length thread series class fit material grade head type m12 x 1 75 iso 4 8 hex head bolt metric nominal diameter pitch

*online calculations for eurocode 3 design of steel structures* - May 17 2023

web jan 1 1993 design aid table of design properties for square hollow steel sections shs including section dimensions cross section properties area a second moment of area i elastic modulus wel plastic modulus wpl strength properties elastic moment mel plastic moment mpl plastic shear vpl and buckling properties section class buckling curves

table of design properties for metric steel bolts m5 to m39 - Jun 18 2023

web jan 8 1993 description design aid table of design properties for individual metric hexagonal bolts including stress area yield strength ultimate strength shear resistance tensile resistance interaction between shear and tension bearing resistance punching shear resistance according to en 1993 1 8 2005 section 3 8 supported national annexes