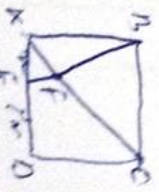


نام و نام خانوادگی

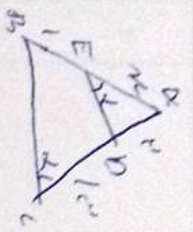
باسمہ تعالیٰ شریعی تکلیف شمارہ کلاس

باسمہ تعالیٰ نشر و ترویج تکلیف شماره

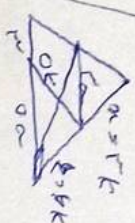
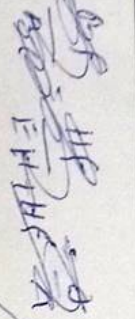
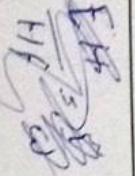
جلد ہدوت اسم صفر الحاف می شود



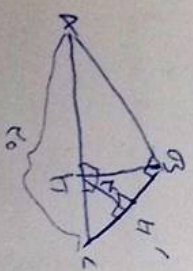
$\alpha = \frac{r_0 - c}{c} = 1 - \left(\frac{r_0 + c}{2} \right) / r_0 = \frac{1}{2}$



$\Delta = \{x \in D \mid x \in C_3\} \Rightarrow x \in D \cap C_3$
 $x \in x$
 $\frac{\Delta E}{x c}, \frac{\Delta D}{x b} - \frac{1}{n+1} = \frac{x}{x c} - x c^2 = n + a$
 $n + a - x c^2 = 0 \Rightarrow (n+1)(n+1) = 0 \Rightarrow n = -1 \times 6 \Rightarrow 6$



[illegible]

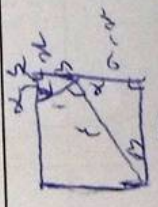


[illegible]

$\hat{B} \leq \hat{H} = 0 \Rightarrow \hat{B}_1, \hat{B}_2 = 0$ $\frac{1}{B_1} = \frac{1}{B_2} \Rightarrow D_1 = D_2 = 0$
 $B_1 H = H E = 0$ $DH^T, D_1 H \wedge H E \Rightarrow DH^T = 0 \wedge 0, 0 \leq 0, 0$
 $AE = M$ $\frac{a + 0, 0}{a + H} \leq \frac{0, 0}{a} \Rightarrow a + H^T = 0 \wedge 0 \wedge 0, 0 \Rightarrow \frac{1}{a} \Rightarrow \frac{1}{a} \Rightarrow \frac{1}{a}$

$\frac{1}{a} + \frac{1}{b} = \frac{1}{c} \Rightarrow \frac{1}{a} + \frac{1}{b} = \frac{1}{c}$ $\frac{1}{a} + \frac{1}{b} = \frac{1}{c}$ $\frac{1}{a} + \frac{1}{b} = \frac{1}{c}$
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$\frac{S_{DMN}}{S_{DMC}} = \frac{B_M}{B_X} \times \frac{B_N}{B_C}$ $\frac{B_N}{B_C} = \frac{1}{2} \times \frac{B_M}{B_C}$ $\frac{B_N}{B_C} = \frac{1}{2} \times \frac{B_M}{B_C}$
 $\frac{B_M}{B_X} \times \frac{1}{2} = \frac{1}{2} \times \frac{B_M}{B_C}$ $\frac{B_M}{B_X} = \frac{1}{2} \times \frac{B_M}{B_C}$ $\frac{B_M}{B_X} = \frac{1}{2} \times \frac{B_M}{B_C}$


 $\frac{1}{a} + \frac{1}{b} = \frac{1}{c}$ $\frac{1}{a} + \frac{1}{b} = \frac{1}{c}$ $\frac{1}{a} + \frac{1}{b} = \frac{1}{c}$

$AG \leq 1, GM \leq \frac{1}{2} \times \frac{1}{2}$ $GM \leq \frac{1}{2} \times \frac{1}{2}$ $GM \leq \frac{1}{2} \times \frac{1}{2}$
 $GM \leq \frac{1}{2} \times \frac{1}{2}$ $GM \leq \frac{1}{2} \times \frac{1}{2}$ $GM \leq \frac{1}{2} \times \frac{1}{2}$

$$(AB)^r = BH \times BC = 10$$

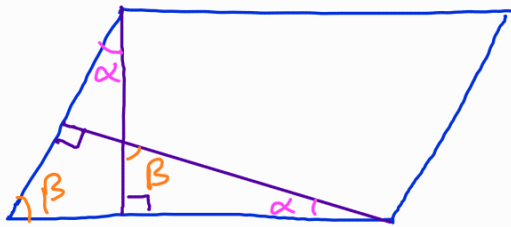
$$(AC)^r = CH \times BC = 12$$

$$\frac{AB}{AC} = \boxed{\frac{1}{r}}$$

-f

$$\triangle CEF \sim \triangle ABF$$

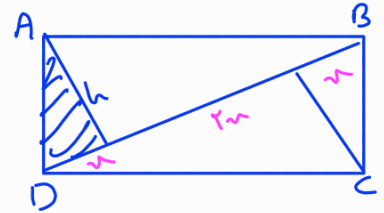
-d



$$\alpha \text{ و } \beta \rightarrow \frac{r}{4} = \frac{1}{n+1} \quad \beta \text{ و } \alpha$$

$$\rightarrow \boxed{n = 7}$$

$$AF = n + 1 = \boxed{12}$$



-v

$$\triangle ABD = h^r = n \times r \rightarrow h = \sqrt{r} n$$

$$S_{\triangle \text{ هائو}} = \frac{h \times r}{2} = \frac{\sqrt{r} n^2}{2}$$

$$S_{\square} = 2 S_{\triangle ABD} = 2 \times \frac{\sqrt{r} n^2 \times r}{2} = 4 \sqrt{r} n^2$$

$$\frac{4 \sqrt{r} n^2}{\frac{\sqrt{r} n^2}{2}} = \boxed{1}$$