

$$\frac{AD}{AB} = \frac{DE}{BC} = \frac{1}{12} \rightarrow \frac{S_{BDE}}{S_{BEC}} = \frac{DE \times h \times \frac{1}{12}}{BC \times h \times \frac{1}{12}} = \frac{1}{12}$$

$$AM \parallel BD \rightarrow AB \parallel DM$$

$$AD \parallel BM$$

$$BM = MK = 3, DC = 9 \rightarrow DK + KC \rightarrow \frac{1}{2} \times \frac{1}{2} \times \frac{1}{2} = \frac{1}{8}$$

$$\frac{m}{12} = \frac{1}{12} \rightarrow \frac{12}{12} = 1 \rightarrow DEF \sim ABC$$

$$BN = MB = 3$$

$$AD = DC = BA = CB = 9$$

$$AFM \sim BMC \rightarrow \frac{AF}{BM} = \frac{FM}{MC} = \frac{AM}{BC}$$

$$FE = \frac{12}{2} = 6$$

$$S = \frac{12}{2} \times \frac{1}{2} \times \frac{1}{2} = \frac{1}{2}$$

$$E = E \rightarrow AED \sim AEC \rightarrow \frac{EC}{AE} = \frac{AE}{ED} = \frac{AC}{AD}$$

$$A_1 = C_1$$

$$100 + 100 = 121 + m^2 \rightarrow m^2 = 100 + 100 - 121 = 79$$

$$m = \sqrt{79}$$

$$A = C_1 \rightarrow ABC \sim DEC$$

$$D = C$$

$$BC = \frac{10\sqrt{11}}{11}$$

$$EF = DE \times FC \rightarrow 14 = 10 \times FC \rightarrow FC = 1.4$$

روز تجلیل از امام زادگان و بقاع متبرکه - قیام خونین ۱۵ خرداد ۱۳۴۲ ه.ش (تعطیل) - روز جهانی محیط زیست

$$(E\sqrt{r})^r + m^r = (14)^r$$

11.00

$$\sqrt{m^r + m^r} = \sqrt{14^r} \quad m = \frac{1}{r} \sqrt{r(14^r) + r(14^r) - 14^r} = E\sqrt{r}$$

13.00

$$E + (E - m)^r = m^r \quad \frac{h_r}{h_1} = \frac{\sqrt{A}}{r} \rightarrow h_r = \frac{\sqrt{A}}{r} h_1$$

14.00

$$m^r + 14 - 14m + E = m^r \rightarrow r_0 = 14m \rightarrow m = \frac{1}{r}$$

15.00

$$E + 14 = r_0 \quad S_{ABE} \rightarrow r\sqrt{A} - (10\sqrt{A} - r_0)$$

16.00

$$11 + 9 = 9 \quad BC = 9 \quad AC = r \rightarrow AB = \sqrt{r_0} \quad 9 - 0.19 = 1.1 = BE$$

17.00

$$9 = m \times r\sqrt{r_0} \rightarrow m = \frac{r\sqrt{r_0}}{10} \rightarrow \left(\frac{r\sqrt{r_0}}{10}\right)^r + 14 = 9$$

18.00

$$y^r + \frac{9}{100} = 9 \rightarrow y^r = \frac{11}{10} \rightarrow \frac{r\sqrt{r_0}}{10} = \frac{r\sqrt{r_0}}{10} \times \frac{9\sqrt{r_0}}{10}$$

19.00

$$1 \times DE \rightarrow DE = r\sqrt{r_0} \quad AC^r = AD \times AB \rightarrow 9 = AD \times \sqrt{r_0}$$

20.00

$$AD = \frac{r\sqrt{r_0}}{10} \quad CD = 9 \times 9 = \frac{9}{r_0}$$

$$r^r = 14^r + 14^r = 144 + 144 = 288$$

10

$$144 = m(r_0) \rightarrow m = \sqrt{12} \rightarrow r_0 - \sqrt{r_0} = 12, 1$$

$$\frac{9\sqrt{r_0}}{r_0} = \frac{DE}{12} \rightarrow DE = 5.196$$

ولادت حضرت معصومه (س) (۱۷۳ هـ ق) و روز دختران - آغاز دهه کرامت