1)
$$7x-21 = 3x+9$$
 $4x = 30$
 $x = 7.5$
2) $a=b^2$
 $b=(\sqrt{2}$
 $a=18$
 $18=b^2$
 $3(2=(\sqrt{2})$
 $\sqrt{18}=b$
 $\sqrt{2}\sqrt{9}=b$
 $3(2=b)$
 $\sqrt{ab=\sqrt{ab}}$

Jul 13-8:45 AM

3)
$$|5-7| = \lambda$$
 C
4) $|5-7| = \lambda$ C
 $|5-7| = \lambda$ C

Jul 13-8:49 AM

6)
$$(x-3)(x+2)$$
. $(x+3)(x-2)$
 $x+5$. $(x+2)(x-2) = x^2-4$
 $(x+3)(x-2) = x^2-4$
 $(x+3)(x+3)(x-2) = x^2-4$
 $(x+3$

Jul 13-8:55 AM

$$x^{2}-x-6 \qquad x^{3}+3x-10 \\ (x+2)(x-3) \qquad (x-2)(x+3)$$
Jul 13-9:04 AM

8)
$$X-y=6$$

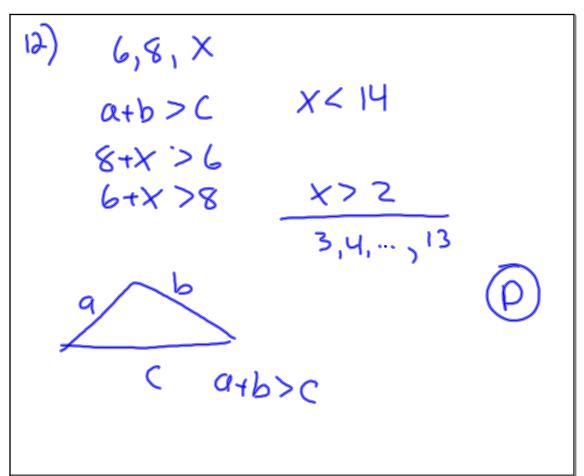
 $X+y=6$
 $2X=10$
 $X=5$
 $Y=0$
9) $f(X)=-2X^2-3X$
 $f(-5)=-2(25)-3(-5)$
 $=-50+15$
 $=-35$

Jul 13-8:58 AM

10)
$$2\pi r = a$$
 $2\pi r = \pi r^2$

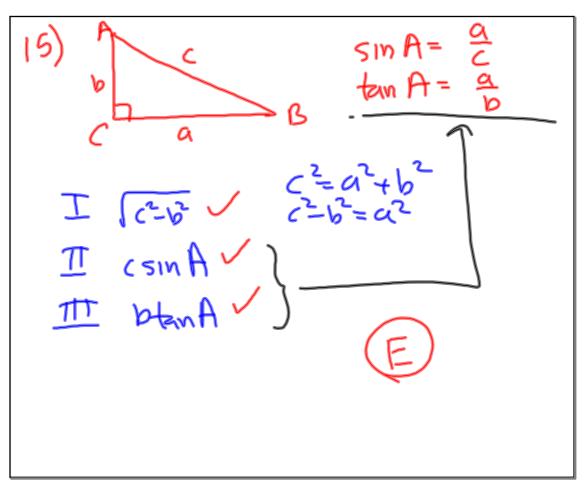
11) $\sqrt{n+2} = \frac{2\pi}{4}$
 $2\pi r = \frac{2\pi}{4}$

Jul 13-8:59 AM

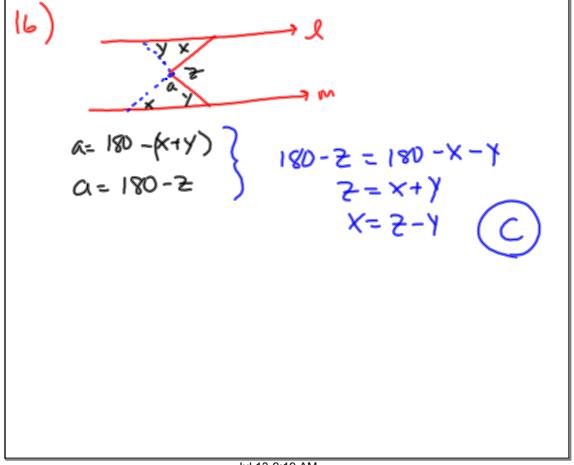


Jul 13-9:01 AM

(3)
$$a = 1$$
 ($a = 1$ ($a = 1$) $a = 1$ ($a = 1$



Jul 13-9:16 AM

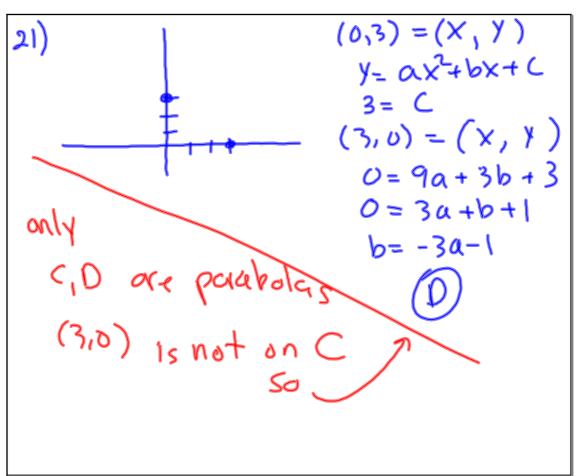


Jul 13-9:19 AM

17)
$$\frac{ab}{6} = integer$$
 $I - a = 1 b = 6 \times 10$
 $II - a = 2 b = 3 \times 10$
 $III - ab = 6 \times 1$

Jul 13-9:24 AM

19)
$$\lambda_{3x-1}^{3x-1} = 16$$
 $\lambda_{3x-1}^{3x-1} = 2^{4}$
 $\lambda_{3x-1}^{3x-1} = 2^{4}$
 $\lambda_{3x-1}^{3x-1} = 2^{4}$
 $\lambda_{4}^{3x-1} = 2^{4}$
 $\lambda_{5}^{3x-1} = 2^{4}$
 $\lambda_{7}^{3x-1} = 2^{4}$
 $\lambda_{7}^{$



Jul 13-9:29 AM

23)
$$y=ax+b$$
 $m=a$
 $x=cy+d$
 $cy=x-d$
 $y=\frac{1}{c}x-\frac{d}{c}$ $M=\frac{1}{c}$
24) $\sqrt{x-1}=\sqrt{-5-1}=\sqrt{-6}$ B
25) A B

Jul 13-9:53 AM

26)
$$\frac{15}{25} = \frac{60}{100} 6096$$

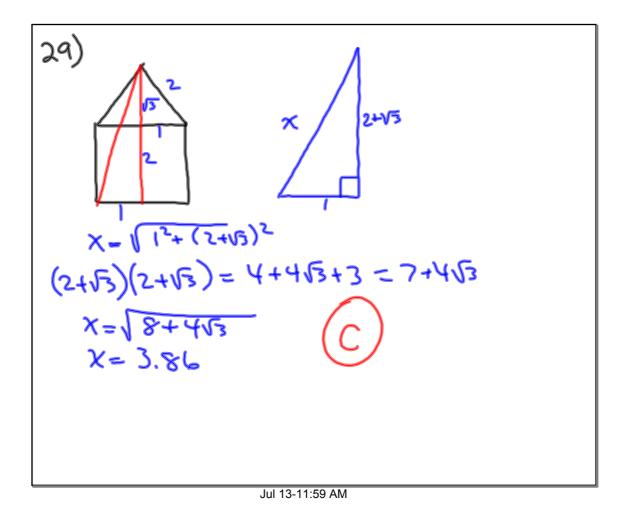
27) $\frac{2x}{3} - 4 < 5$
 $\frac{2x}{3} - 4 > -5$
 $\frac{2x}{3} - 4 > -1$
 $\frac{2x}{3} - 4$

$$T_{04} = n * p$$

$$T_{05} = (1.2n) * (1.1p)$$

$$= 1.32 np$$

Jul 13-10:33 AM



30)
$$\chi^{2}+6x+k=0$$

 $\sqrt{26-4(1)(N)} > 0$
 $\sqrt{26-4K} > 0$
 $26>4K>0$
 $26>4K>0$

Jul 13-10:36 AM

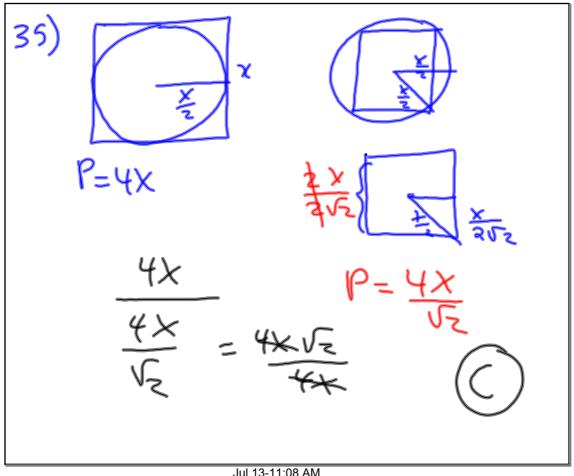
32)
$$Ed \times Bob \times X$$

 $1 \cdot 3 \cdot | \cdot 2 \cdot | = 6 \times 2$ B
 $= 12$
33) $\int_{-1}^{1} + \int_{2}^{2} = -\frac{b}{a}$ $\int_{-1}^{2} -\frac{c}{a}$ B
 $-b = c$

34) A
$$\frac{1}{3}J = 60min$$
 $\frac{1}{180} = 1 min$

M $\frac{1}{5}J = 60min$ $\frac{1}{300} = 1 min$
 $\frac{1}{180} + \frac{1}{300}$
 $\frac{5}{900} + \frac{3}{900} = \frac{8}{900} / min$
 $\frac{900}{8} min = 9$

Jul 13-10:59 AM



Jul 13-11:08 AM