questions, 60 minutes Homsmus fine (min) Housens that how ho long to fine (min) 31) Do x + hale me middle numbers 23)  $\pi\left(\frac{2.25}{a}\right)^{r}$ Onlin 1.27 T Tenpins = 12.77 2 40 Want ! Pin! Herd orefully 40) Ana: 2/5 Amy: 1/3 Rusen: (-95-1/3 = 1/5 =) If 1/15 falus a homos 2-18/4 = 7,5 hmrs falus

1 austonin

Math 2017 December A10

60

2-20-22

$$\frac{1}{3} - \frac{1}{4}$$
  $\frac{1}{12} - \frac{3}{12} = \frac{5}{12}$ 

$$\frac{|2\left(\frac{x}{3}+\frac{1}{2}\right)}{5}=\frac{4x+6}{5}$$

→ 2F)

$$-\frac{(\lambda^{2}-a^{2}-b^{2})}{2a^{2}} = us($$

$$us^{-1}(\frac{(\lambda^{2}-a^{2}-b^{2})}{2a^{2}}) = (us^{-1}(us(C))) = C$$

$$C = us^{-1}(\frac{(\lambda^{2}-a^{2}-b^{2})}{2a^{2}})$$
3

Figure mt whether you want

$$f: A \rightarrow B$$

$$f = A \rightarrow B$$

$$f = A \rightarrow B$$

33)

57)

n=4

sy = 49

A: (0,0)

$$n=1$$
  $S_1=3$   $S_0$  Short at  $S_0$  or

Central indured Populars 66) To get achil mots, x+1 Tyx3-2x2+x+7 Nolnussang # solutions to polynomial = degree (highest power) of sund (hidden) (\*) poynomal Input (implumy) (x-1) h How many solutions? 2 (x-1)(x-1) X=1 X=1 (\*) expected value overy (mean {(, 2, 2, 3, 3, 4, 4, 4, 4}  $\frac{1+2+x+3(3)+4(4)}{(0)}=\boxed{3}$ Fly a win H=3 pts T=0 pts Expekt value of a 155? 1.5 pts per 455 59) Be mure of when something might be wing U= Lwh = 1.11.11w.h 1.1.1.1 = 1,21 How much does volume increase when just L > 1.12 1.1x