



31) ignore this right ayle

$$\frac{16^{\circ}}{18}$$

$$\tan(76^{\circ}) = \frac{6}{18}$$

$$h = 1$$

SinA = sinB

57)

23)
$$\frac{1}{2}$$
 (HIII, AT THE TT) (HIII on 1st hss

equal chance is by

The product $A = \text{count } 1$
 $B = \text{count } 2$

Also if independent,

 $P(A \cap B) = P(A) P(B)$

and

Only odd odd = odd

 $\frac{1}{2} \cdot \frac{1}{2} \cdot \frac{3}{4} \cdot \frac{1}{5} \cdot \frac{3}{3} \cdot \frac{3}{5} \cdot \frac{1}{12} \cdot \frac{3}{5} \cdot \frac{1}{5}$

How many with $\frac{1}{2} \cdot \frac{3}{3} \cdot \frac{1}{5} \cdot \frac{1}{5} \cdot \frac{3}{5} \cdot \frac{1}{5} \cdot \frac{1}{5}$

33)

(+ 1+ on 1st hss

55) Want volume A = 630 Ft2 units Aren = legth 2 depth = 5 ft Volume = 3150 ft3 units Volume = ligh 3 perimeter = legth + light = legth 3f0204032 = 52 50) between 10 and 100 100 = 10000000000 10000 mud, mfhi €3f0204032) $(8 = Lt \left(\begin{pmatrix} 4 & 5 \\ 2 & 3 \end{pmatrix} \right) = n - 26 = (8)$ Let ((ab)) = ad-bc x + dy = a How many ax + 4y = b solutions? det (2 4) = 1(4)-2(2) = 0