x	f	$f \times x$
0	28	0
1	62	62
3	10	30
4	4	16
	104	108

mean of freg. dist $= \dfrac{108}{104} = 1.03$

moon of binomial dist $= np = 1.03$

$$P = \dfrac{1.03}{n=4} = 0.25$$

$$q = 1 - 0.25 = 0.75$$

$$\boxed{r = 0, 1, 3, 4}$$

$P(r=0) = {}^4C_0 \, (0.25)^0 \, (0.75)^4 = 0.316$

$P(r=1) = {}^4C_1 \, (0.25)^1 \, (0.75)^3 = 0.421$

$P(r=3) = {}^4C_3 \, (0.25)^3 \, (0.75)^1 = 0.468$

$P(r=4) = {}^4C_4 \, (0.25)^4 \, (0.75)^0 = 0.0039$

so,

r	$P(r)$	Expected Frequency $\left(N \times P(r) \right)$ ($N = 104$)
0	0.316	32.86 ~ 33
1	0.421	43.78 ~ 44
3	0.468	48.67 ~ 49
4	0.0039	0.4056 ~ 0

$$\boxed{126} \; Ans$$