Quiz 17

Name: Key

You must show your work to get full credit.

1. Define r is a rational number.

one subspars and b 70.

2. Prove that if r is a rational number then so is $s = \frac{r+2}{r^2+3}$.

Proof We one given y is a rational number, so

for some alle I and with 670. Using this

S and
$$\frac{1}{12}$$
 $\frac{1}{12}$ $\frac{1$

where p, g = H and g =0: (g =0 herouse b=0 and g=02+312 > 362>0). So S=== 15 rutional. house