

Jan. 16th-22nd Homework

Part 1 Substitute the the value given and state whether the resulting number sentence is true or false.

1. $3\frac{5}{6} = 1\frac{2}{3} + h$. Substitute $2\frac{1}{6}$ for h .

2. $39 > 156g$. Substitute $\frac{1}{4}$ for g .

3. $\frac{f}{4} \leq 3$. Substitute 12 for f .

4. $121 - 98 \geq r$. Substitute 23 for r .

5. $\frac{54}{q} = 6$. Substitute 10 for q .

Part 2 State when the following equations and inequalities are true

1. $36 = 9k$

2. $67 > f - 15$

3. $\frac{v}{9} = 3$

4. $10 + b > 42$

5. $d - 8 \geq 35$

Part 3 Substitute and evaluate for each below

1) $\frac{r-s}{2}$ at $r=6, s=2$

2) $3(y+x)$ at $x=1, y=3$

3) $mn+4$ at $m=3, n=5$

4) $\frac{a}{2b}$ at $a=4, b=2$

5) s^2+t at $s=1, t=2$

6) $f-g$ at $f=10, g=6$