**Math 9 Chapter 6 – Solving Equations Worksheet**

1. $10=5\left(t+20\right)$ g) $3\left(x+2\right)-2\left(x+4\right)=9$
2. $2\left(z-3\right)=-12$ h) $3y-4\left(2y-1\right)=-11$
3. $-15=3\left(k+3\right)$ i) $6\left(4x+6\right)+6\left(3-x\right)=0$
4. $\frac{1}{3}\left(y+4\right)=\frac{1}{2}(y+1)$ j) $\frac{3x}{5}+2=\frac{x}{2}-1$
5. $5k+1=3k+k-3.8$ k)$12=7j=14.2+9j+1.8$

f) $\frac{x}{3}+1=\frac{x}{4}-5$ l) $\frac{3a}{4}-\frac{2a}{3}=\frac{5}{6}=a$