Simple Linear Equations (H)

Solve for each variable.

1. $-9+\frac{-27}{y}=-6$

2. $-2+\frac{-18}{x}=-11$

3. $\frac{-70}{b}-6=1$

4. $\frac{-21}{b}-(-6)=9$

5. $\frac{-42}{z}-2=-9$

6. $\frac{45}{u}+2=11$

7. $\frac{-18}{x}+(-6)=-15$

8. $\frac{-40}{x}-10=-15$

9. $\frac{28}{x}+7=14$

10. $\frac{72}{x}-5=3$

11. $\frac{-16}{z}-7=-5$

12. $\frac{72}{u}+(-7)=-16$

13. $\frac{5}{v}+(-4)=1$

14. $\frac{-24}{v}-6=0$

15. $\frac{-21}{b}+3=6$

Simple Linear Equations (H) Answers

Solve for each variable.

1. $-9+\frac{-27}{y}=-6$
$y=-9$

2. $-2+\frac{-18}{x}=-11$
$x=2$

3. $\frac{-70}{b}-6=1$
$b=-10$

4. $\frac{-21}{b}-(-6)=9$
$b=-7$

5. $\frac{-42}{z}-2=-9$
$z=6$

6. $\frac{45}{u}+2=11$
$u=5$

7. $\frac{-18}{x}+(-6)=-15$
$x=2$

8. $\frac{-40}{x}-10=-15$
$x=8$

9. $\frac{28}{x}+7=14$
$x=4$

10. $\frac{72}{x}-5=3$
$x=9$

11. $\frac{-16}{z}-7=-5$
$z=-8$

12. $\frac{72}{u}+(-7)=-16$
$u=-8$

13. $\frac{5}{v}+(-4)=1$
$v=1$

14. $\frac{-24}{v}-6=0$
$v=-4$

15. $\frac{-21}{b}+3=6$
$b=-7$