

Algebra 1 Worksheet  
Evaluate Equations

Evaluate These Equations.

1.  $(x-12)+y+z$

for  $x=-23, y=-5, \text{ and } z=1$

2.  $(2x+2)+y+z$

for  $x=6, y=7, z=12$

3.  $(4x-17)+y+z$

for  $x=8, y=5, z=1$

4.  $(2x-6)+y+z$

for  $x=12, y=6, z=4$

2.  $m-12=-16$

3.  $-224=4x$

4.  $-3=\frac{b}{12}$

5.  $\frac{v}{4}=12$

7.  $-3+\frac{x}{5}=-8$

8.  $-2=\frac{x+2}{6}$

9.  $2(n+6)=-8$

10.  $-3x-20=-155$

6.  $5^3 \times 5^6$

7.  $8^3 \times 8^2 \times 8^4$

8.  $9^3 \times 9^2 \times 9^4$

9.  $7^3 \times 7^2$