## $x+y$ <br> Evaluate Variable Expressions with Squares and Square <br> Name: Roots

\#1

## Evaluate the expression for $\mathrm{p}=-2$.

$$
-1 p^{2}=?
$$



$$
\bigcirc \quad-4
$$8$-8$

Show your work
\#2

$$
\text { If } \mathrm{n}=1 \text {, solve }
$$

$$
\sqrt{17-n}
$$


$-3$

## Show your work

\#3
If $\mathrm{g}=5$, solve


## $x+y$ <br> Evaluate Variable Expressions with Squares and Square <br> Name: <br> Roots

\#4

$$
\text { If } j=7 \text {, solve }
$$


$\bigcirc 3$
3 ○ 2
○ 8

- -1


## Show your work

## Evaluate the expression for $\mathrm{w}=-3$.

$$
-2 w^{2}=\square
$$

## Show your work

\#6

$$
\text { If } r=10 \text {, solve }
$$

## $\sqrt{r+15}$

65Show your work

Evaluate the expression for $w=-3$.

$$
-8 w^{2}=?
$$


○ -144

○ 144$-72$

## Show your work

\#8

$$
\text { If } k=3 \text {, solve }
$$

## $\sqrt{-2+\mathrm{k}}$



0
$\bigcirc 1$


## Show your work

\#9

$$
\text { If } s=7 \text {, solve }
$$



## Evaluate Variable Expressions with Squares and Square

## If $\mathrm{z}=-3$, solve

$\sqrt{z+7}$

○ 313

- 2$-1$


## Show your work

$$
\text { If } d=6 \text {, solve }
$$



## Evaluate the expression for $\mathrm{q}=-1$.

$$
14 q^{2}=\square
$$

## Show your work

| Question | Answer |
| :---: | :---: |
| \#1 | choice 2 |
| \#2 | choice 1 |
| \#3 | 5 or -5 |
| \#4 | choice 2 |
| \#5 | -18 |
| \#6 | choice 4 |
| \#7 | choice 4 |
| \#8 | choice 3 |
| \#9 | 3 or -3 |
| \#10 | choice 3 |
| \#11 | 1 or -1 |
| \#12 | 14 |

