10. Santos is 3 years older than one-third Wanda's age. In 4 years, Wanda will be twice the age that Santos will be then. How old is each now? [I, 7]

## Solution:

Let Wanda's present age be:
Then, Santos' age now is: 3
Santos' age 4 years from now is: $\mathbf{\square}$


$$
\Delta=10
$$

Answer: Wanda is 30; Santos is $\mathbf{1 3}$. Check: $34=34$.
11. Rosa is three times as old as Juan. Five times Juan's age, diminished by Rosa's age, is 16. How old is each? [I, 5]

## Solution:

Let Juan's age be:
Then, Rosa's age is: $\boldsymbol{\perp} \boldsymbol{\perp}$
Five times Juan's age is: $\boldsymbol{\perp} \boldsymbol{\wedge} \boldsymbol{\perp}$
Five times Juan's age diminished by Rosa's age is: $\boldsymbol{\perp}$


人 $=8$
Answer: Juan is 8; Rosa is 24. Check: $16=16$.
12. Charlie is twice as old as James. Three times Charlie's age, diminished by twice James' age, will give James' age 3 years from now. How old is each? [I, 4]

## Solution:

Let James's age be: Then, Charlie's age is:
Three times Charlie's age is: $\mathbf{A} \mathbf{A} \mathbf{A}$
Two times James' age is:


$$
\mathbf{\Delta}=1
$$

Answer: James is 1 ; Charlie is 2 . Check: $4=4$.

