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]

<u>Solution:</u>

Let Wanda's present age be: Then, Santos' age now is: Santos' age 4 years from now is: 7



▲=10

Answer: Wanda is 30; Santos is 13. 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:

Five times Juan's age is:

Five times Juan's age diminished by Rosa's age is:

▲ ▲ <u>10</u> 6

▲=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: Two times James' age is: The state of the state

=1

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