1.- Rhonda worked three more than twice as many hours as Ron did. How many hours did each work if together they worked 57 hours?

Assign variables: Rhonda = _____
Ron = _____

Together they worked 57 hours

EQUATION _____

Rhonda worked three more than twice as **many hours** **as** Ron did.

three more **than** twice Ron did. Expression _____

EQUATION _____

FINAL EQUATIONS

_____

_____

2.- Mark has twice as many dimes as nickels, and 5 fewer quarters than nickels. The value of all his coins is $2.25. Find how many nickels he has?

The value of all his coins is $2.25._____

EQUATION_____

twice as many dimes as nickels

twice nickels EQUATION _____

_____

5 fewer quarters than nickels _____

5 fewer than nickels

EQUATION_____

3.- A valuable collection of coins contained old nickels, dimes, quarters, and pennies. The face value of the pennies was $6.00. There were five times as many quarters as dimes and fifteen less than twice as many nickels as quarters. If the face value of the entire collection was $40.40, how many of each kind of coin was there?

A valuable collection of coins contained old nickels, dimes, quarters, and pennies.

Expression _____ + _____ + _____ + _____

If the face value of the entire collection was $40.40, how many of each kind of coin was there?

EQUATION _____

The face value of the pennies was $6.00.

100 pennies in one dollar then _____

There were **five times as many quarters as dimes** and **fifteen less than twice as many nickels as quarters**.

five times as **many quarters** as dimes

five times dimes

EQUATION _____

fifteen less than twice as **many nickels** as quarters.

fifteen less **than** twice quarters

EQUATION _____

EQUATION _____

Eliminate the decimal points

EQUATION _____

FINAL EQUATION

_____

4.- Roberto who works at a fast food restaurant received $6.10 in tips one afternoon, all in quarters, dimes, and nickels. There were five less dimes than quarters and seven less nickels than dimes. How many of each kind of coin war there?

Roberto who works at a fast food restaurant received $6.10 in tips one afternoon, all in quarters, dimes, and nickels.

EQUATION _____

eliminate the decimal points

EQUATION _____

There were **five less dimes than quarters** and **seven less nickels than dimes.**

1st five less **dimes** than quarters

five less **than** quarters EQUATION _____

2nd seven less nickels than dimes.

seven less **than** dimes.

EQUATION_____

FINAL EQUATION _____

_____

_____

_____