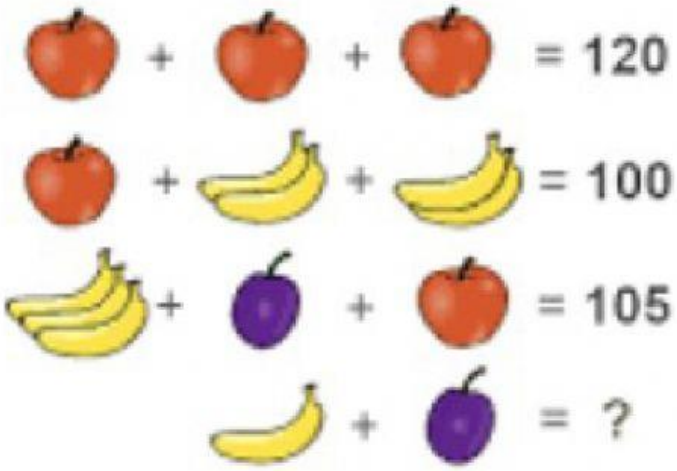
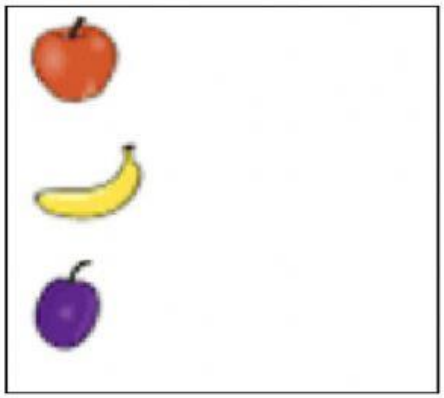
Método de igualación





M + M + M=120

M+2P+2P

3P+U+M

DESPEJAR "M"

3M=120

M= —

M=

LIVEWORKSHEETS

SISTEMA DE ECUACIONES

+4P=100

3P+U+ =105

MÉTODO DE IGUALACIÓN

PASO 1: DESPEJAR UNA LITERAL.

I

40 + 4P =100

4P=100

P= —

II

3P + U + 40 =105

3P=105

P=—

PASO 2: IGUALAR DESPEJES.

— = —

PASO 3: RESOLVER IGUALDAD.

$$\frac{100-40}{4}=\frac{65-U}{3}$$

LIVEWORKSHEETS

(100-40) = (65-U)

=

=

=

U= —

U=

PASO 4: SUSTITUIR EL VALOR ENCONTRADO EN UNA ECUACIÓN (I ó II).

40 + 4P = 100

3P + U + 40 =105

ECUACIÓN II

3P + U + 40 =105

3P + + 40=105

3P+ =105

3P=105

P= —

P=

PASO 5: COMPROBACIÓN

P=

U=

M=

3M=120

3 =

LIVEWORKSHEETS

M + 4P=100

40 + 4 ( ) =

3P + U + M =105

3( ) + + =

+ =

LIVEWORKSHEETS