

Римские числа

VI

X

IX

IV



Вспомни !



Римские	Арабские
I	1
V	5
X	10
L	50
C	100
D	500
M	1000





Вспомни !



Если меньшая по значению цифра (**I, X, C**) стоит перед большей, то её значение вычитается.

Например,

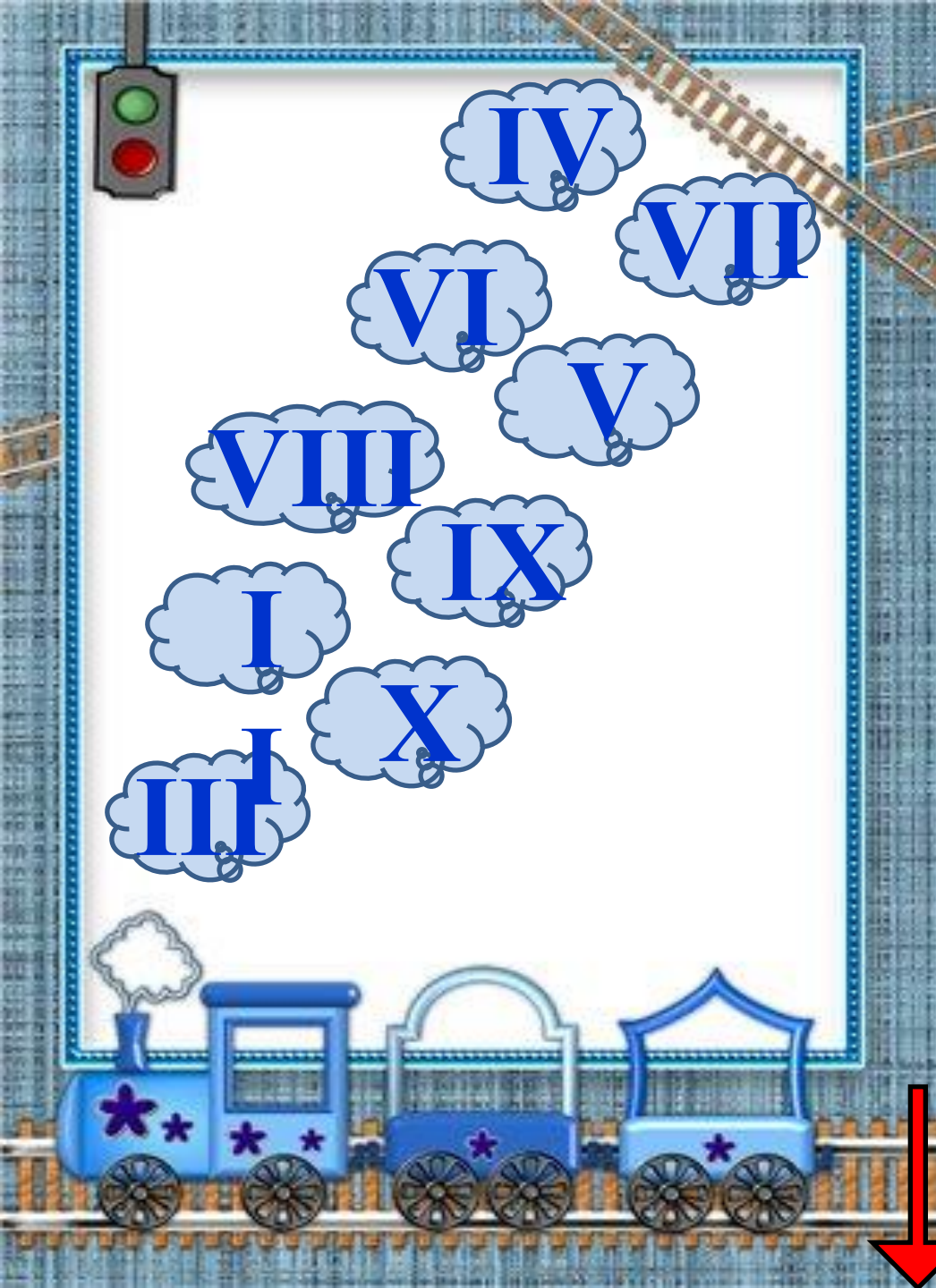
IV означает **4** (**5 - 1 = 4**),

IX означает **9** (**10 - 1 = 9**),

XC означает **90** (**100 - 10**).

MCMLXXXIX означает **1989**.





$$\underline{I + I = II}$$

$$II + I =$$

$$III + I =$$

$$IV + I =$$

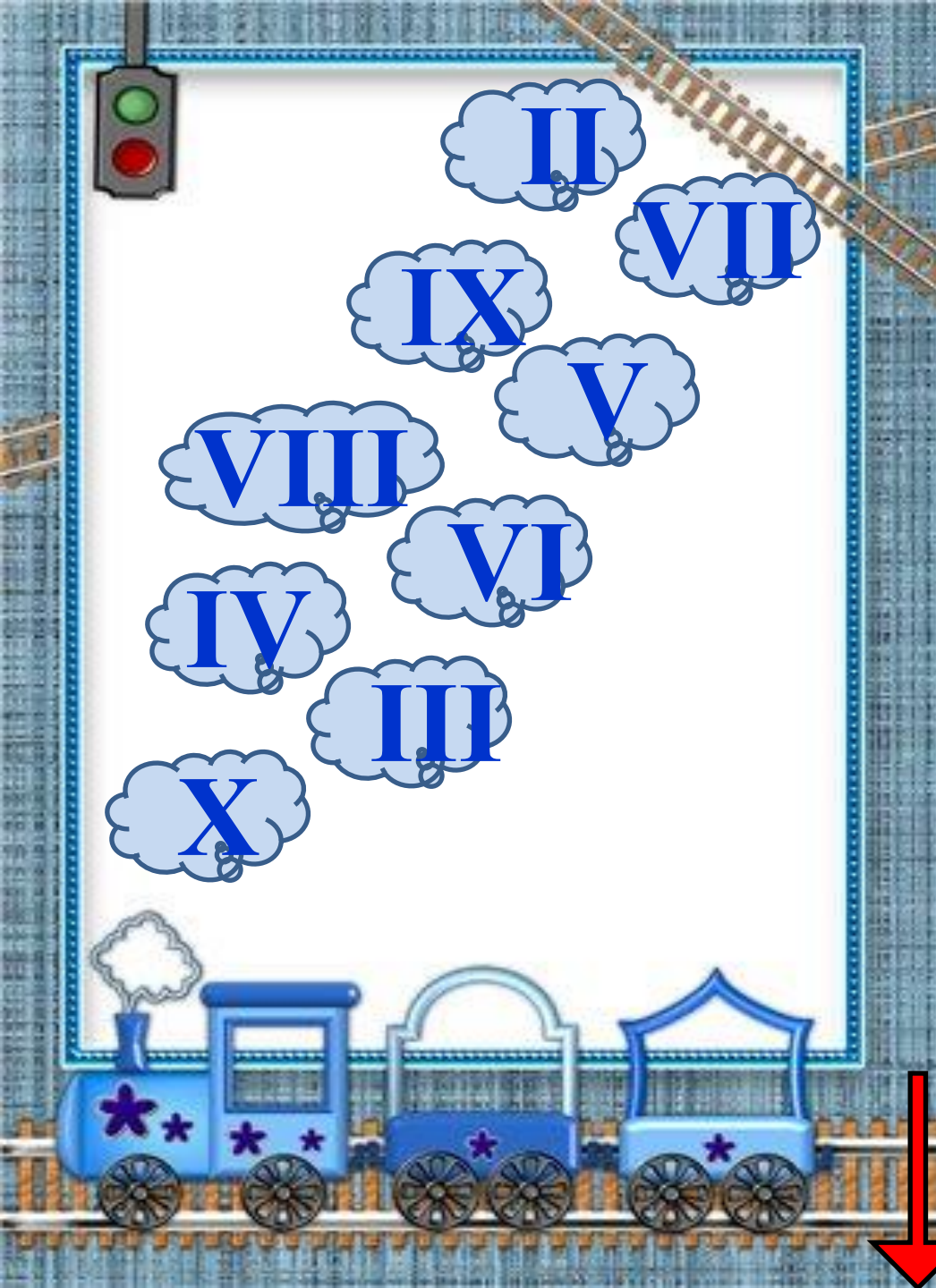
$$V + I =$$

$$VI + I =$$

$$VII + I =$$

$$VIII + I =$$

$$IX + I =$$



$$I + I =$$

$$\underline{II + I = III}$$

$$III + I =$$

$$IV + I =$$

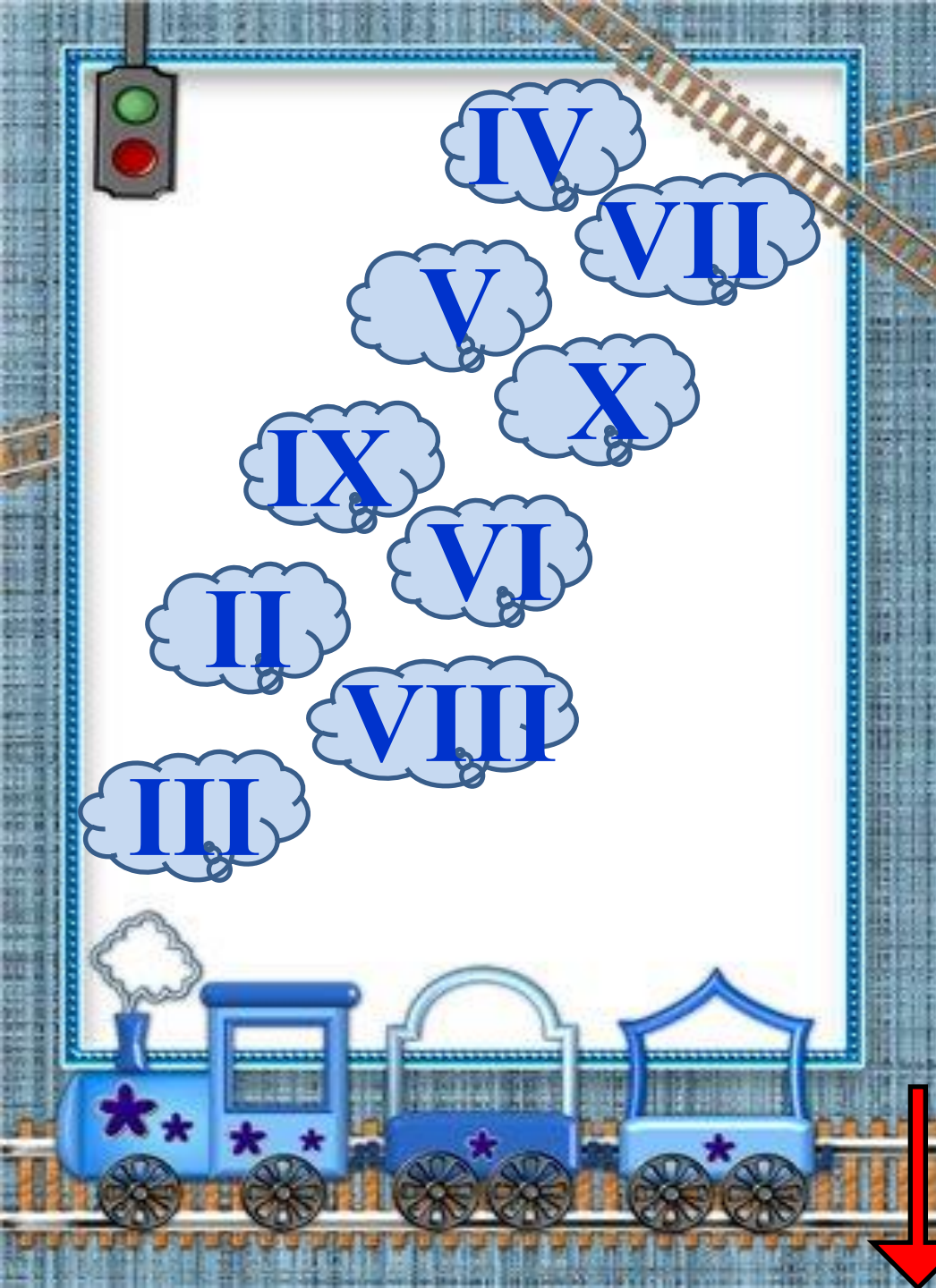
$$V + I =$$

$$VI + I =$$

$$VII + I =$$

$$VIII + I =$$

$$IX + I =$$



$$I + I =$$

$$II + I =$$

$$\underline{III + I = IV}$$

$$IV + I =$$

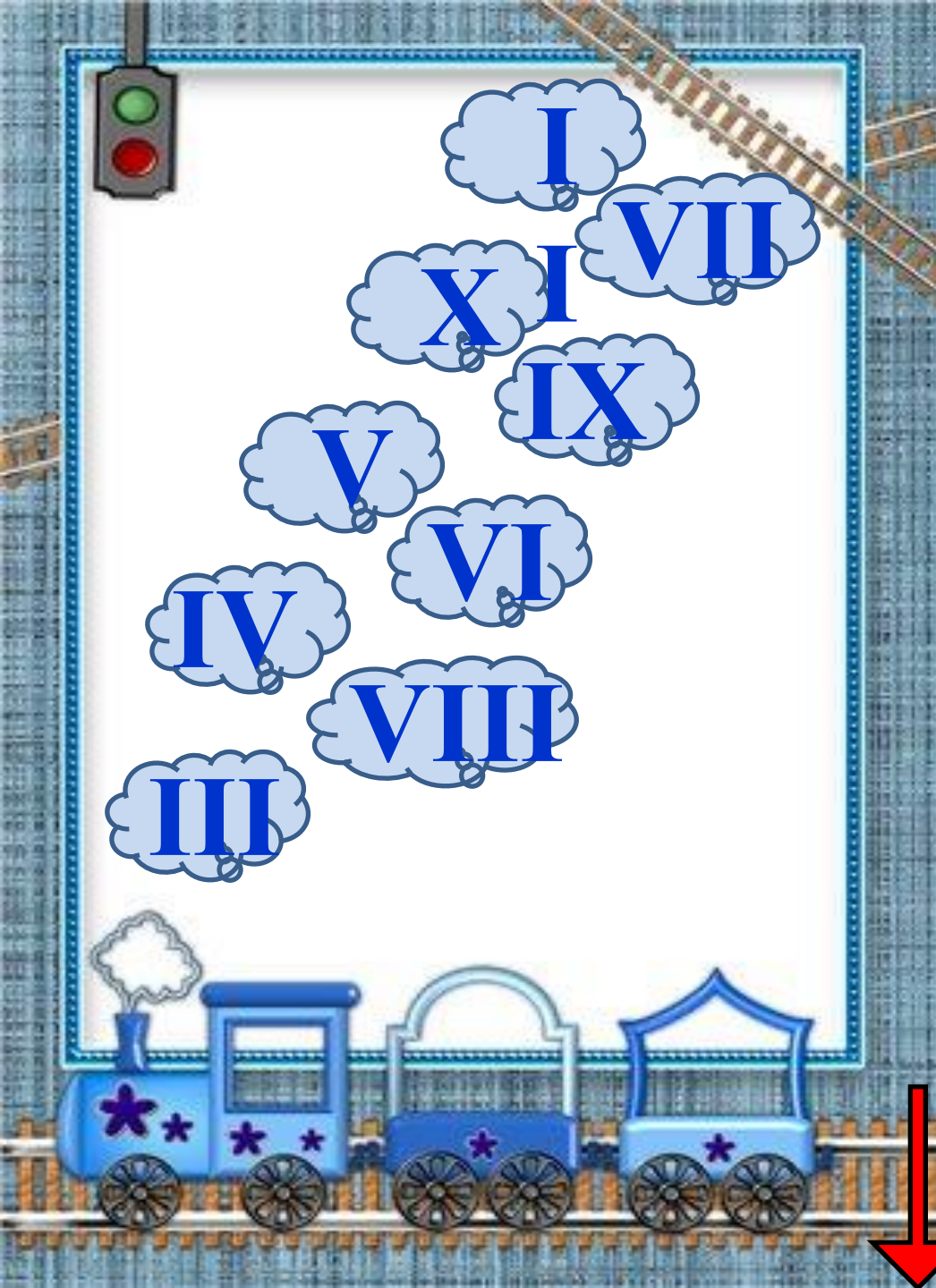
$$V + I =$$

$$VI + I =$$

$$VII + I =$$

$$VIII + I =$$

$$IX + I =$$



$$I + I =$$

$$II + I =$$

$$III + I =$$

$$\underline{IV + I = V}$$

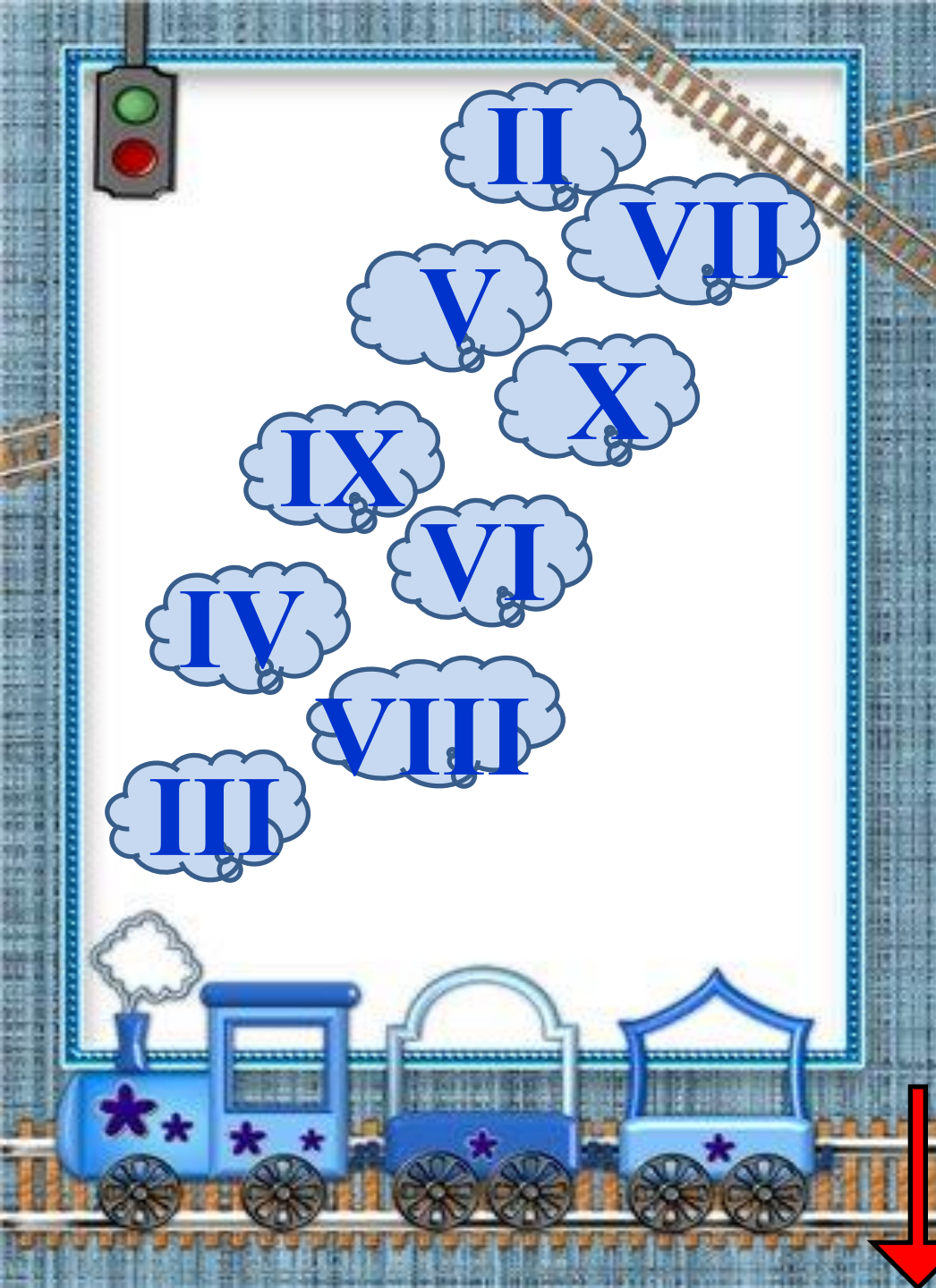
$$V + I =$$

$$VI + I =$$

$$VII + I =$$

$$VIII + I =$$

$$IX + I =$$



$$I + I =$$

$$II + I =$$

$$III + I =$$

$$IV + I =$$

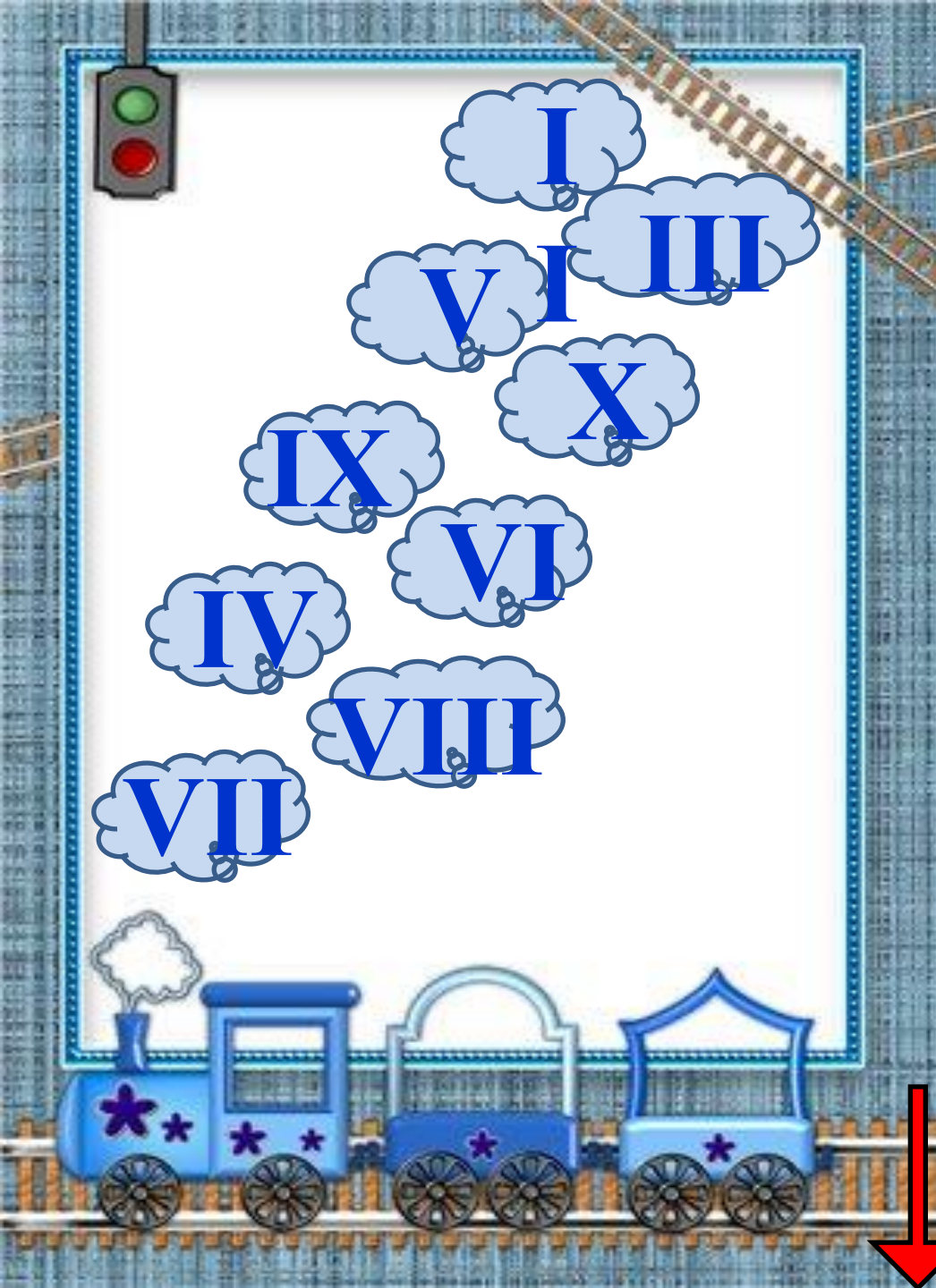
$$\underline{V + I} = VI$$

$$VI + I =$$

$$VII + I =$$

$$VIII + I =$$

$$IX + I =$$



$$I + I =$$

$$II + I =$$

$$III + I =$$

$$IV + I =$$

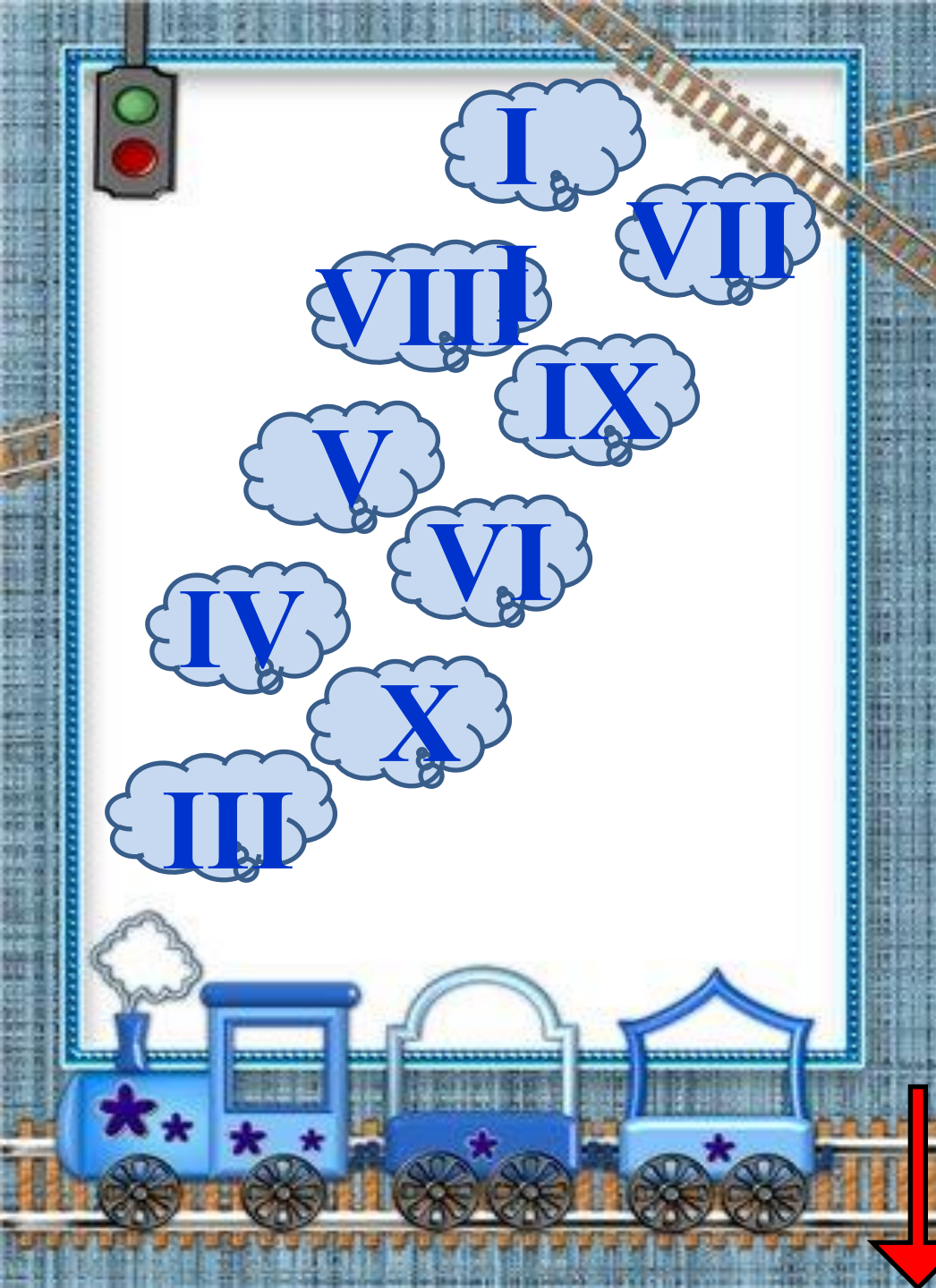
$$V + I =$$

$$\underline{VI + I} = VII$$

$$VII + I =$$

$$VIII + I =$$

$$IX + I =$$



$$I + I =$$

$$II + I =$$

$$III + I =$$

$$IV + I =$$

$$V + I =$$

$$VI + I =$$

$$\underline{VII + I} = VIII$$

$$VIII + I =$$

$$IX + I =$$



$$I + I =$$

$$II + I =$$

$$III + I =$$

$$IV + I =$$

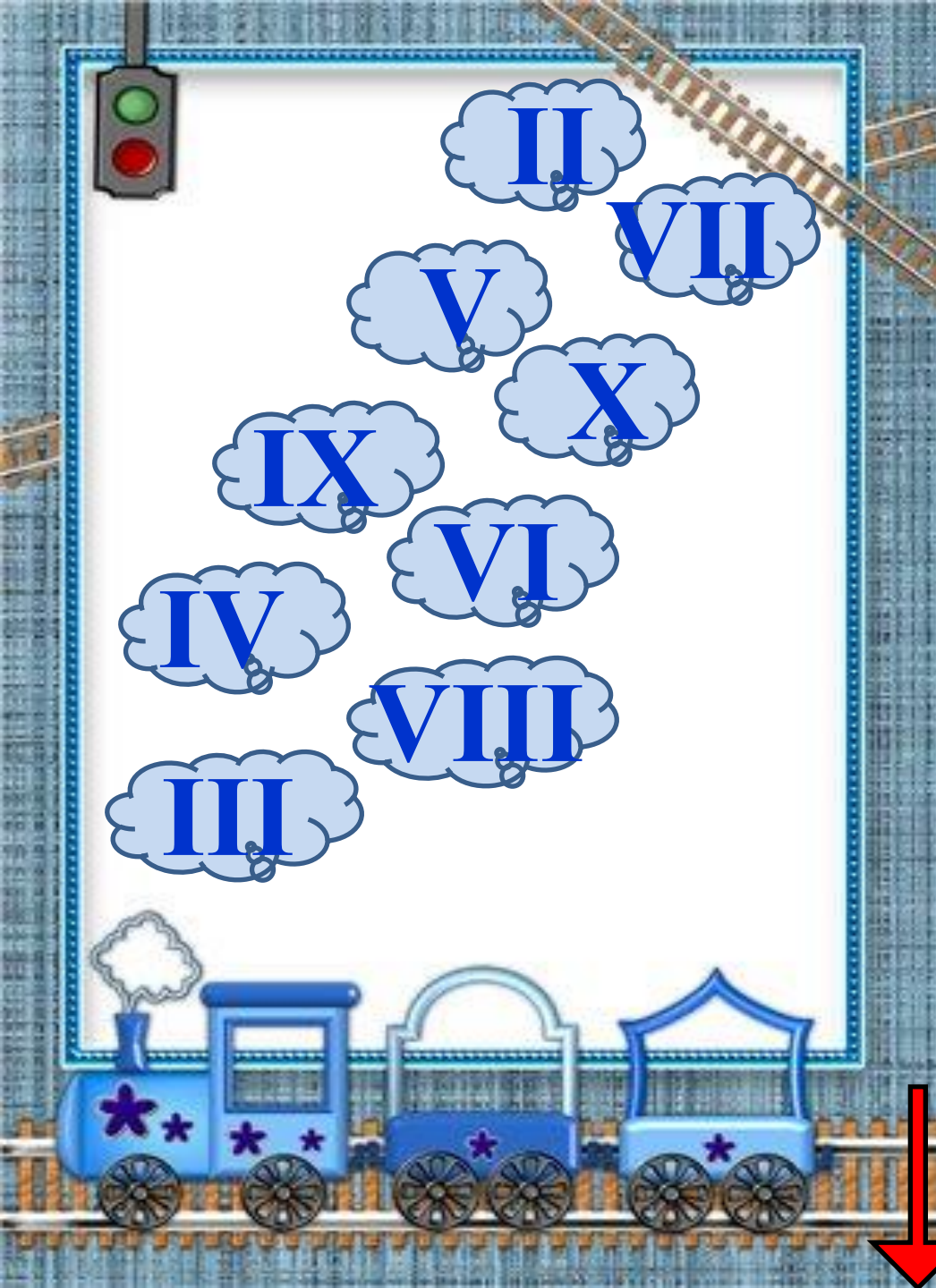
$$V + I =$$

$$VI + I =$$

$$VII + I =$$

$$\underline{VIII + I = IX}$$

$$IX + I =$$



$$I + I =$$

$$II + I =$$

$$III + I =$$

$$IV + I =$$

$$V + I =$$

$$VI + I =$$

$$VII + I =$$

$$VIII + I =$$

$$\underline{IX + I} = X$$



$$\underline{XV - IX} = VI$$

$$XIX + I =$$

$$XXI - XI =$$

$$XV + IV =$$

$$XXI - VI =$$

$$III + IX =$$

$$VIII - V =$$

$$II + XIX =$$



XIX

XX

X

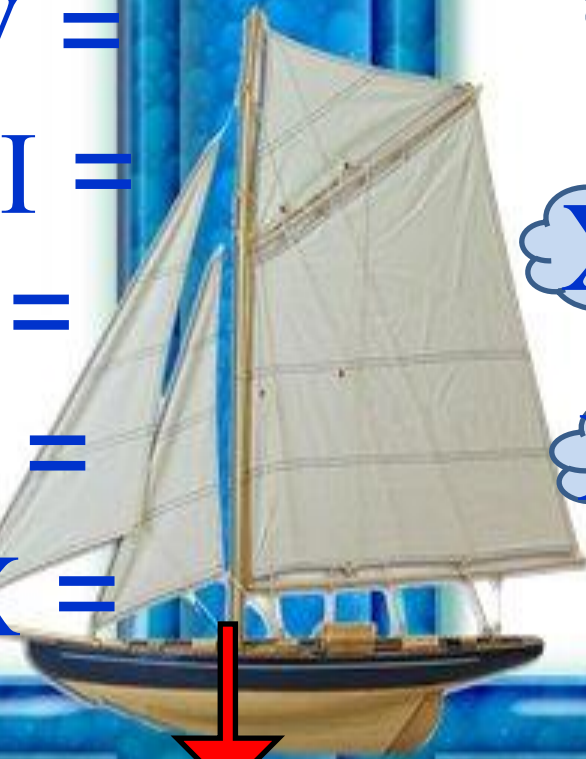
XV

III

XII

VI

XXI





$$XV - IX =$$

$$\underline{XIX} + I = XX$$

$$XXI - XI =$$

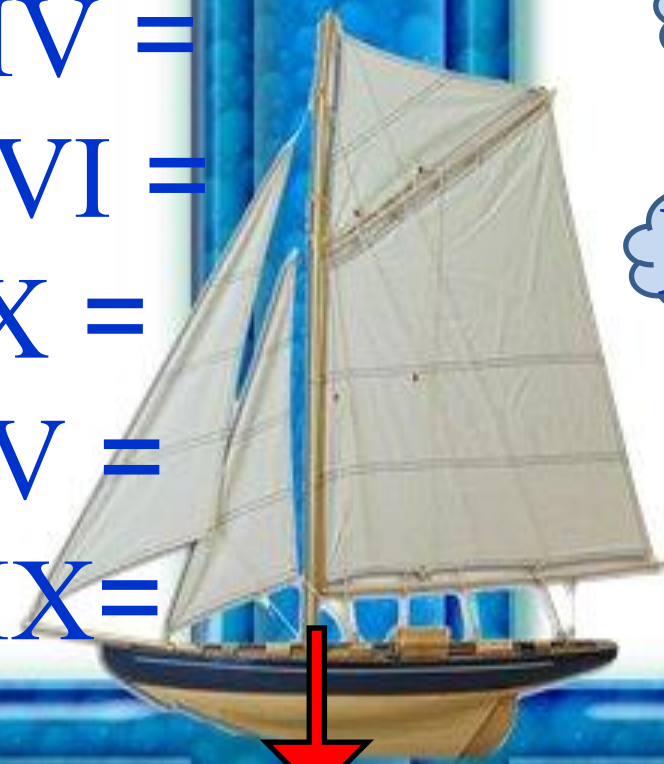
$$XV + IV =$$

$$XXI - VI =$$

$$III + IX =$$

$$VIII - V =$$

$$II + XIX =$$





$$XV - IX =$$

$$XIX + I =$$

$$\underline{XXI - XI} = X$$

$$XV + IV =$$

$$XXI - VI =$$

$$III + IX =$$

$$VIII - V =$$

$$II + XIX =$$



XX

VI

XV

XIX

VII

III

XXI

X





$$XV - IX =$$

$$XIX + I =$$

$$XXI - XI =$$

$$\underline{XV + IV = XIX}$$

$$XXI - VI =$$

$$III + IX =$$

$$VIII - V =$$

$$II + XIX =$$



XX
VI

X

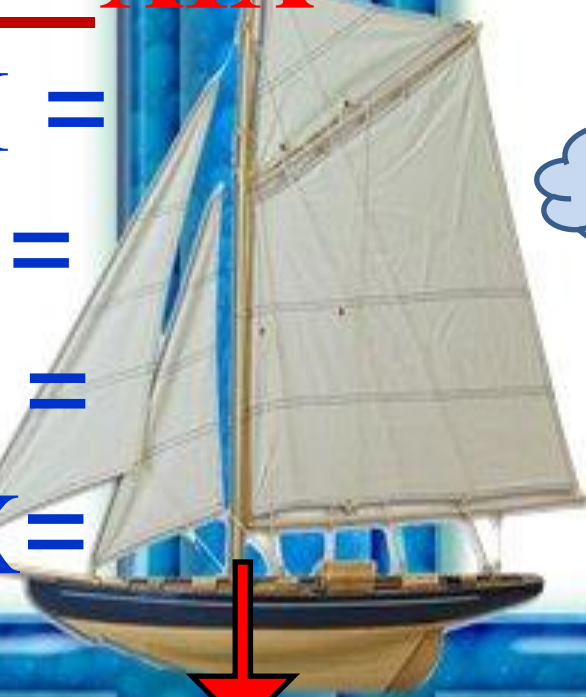
XIX

XII

XV

III

XXI





$$XV - IX =$$

$$XIX + I =$$

$$XXI - XI =$$

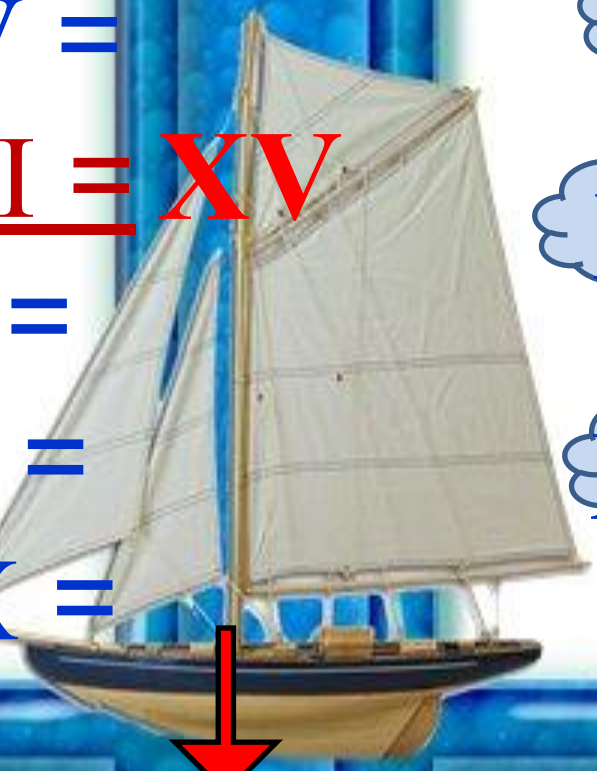
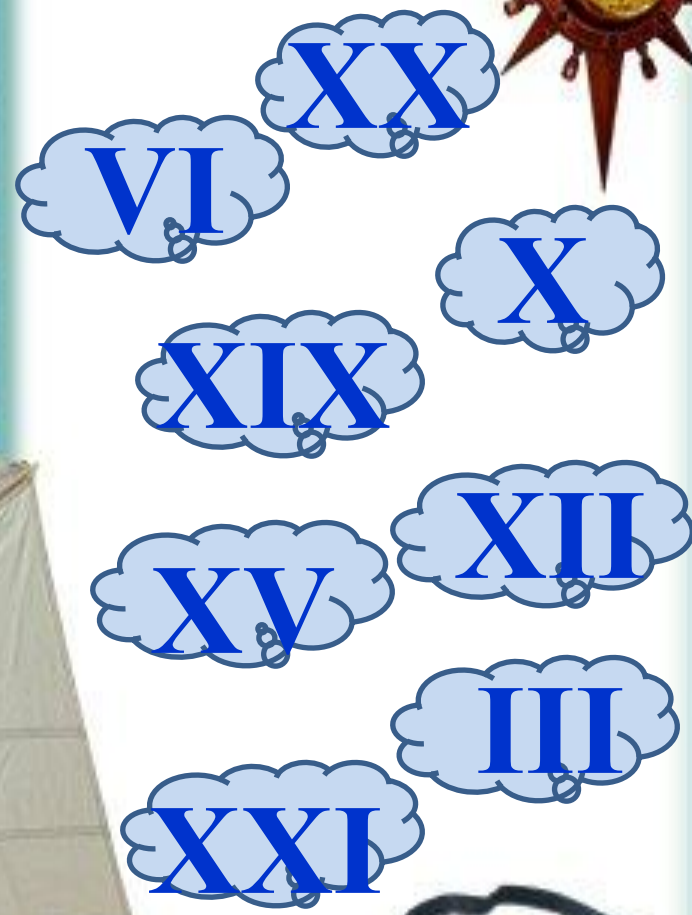
$$XV + IV =$$

$$\underline{XXI - VI} = XV$$

$$III + IX =$$

$$VIII - V =$$

$$II + XIX =$$





$$XV - IX =$$

$$XIX + I =$$

$$XXI - XI =$$

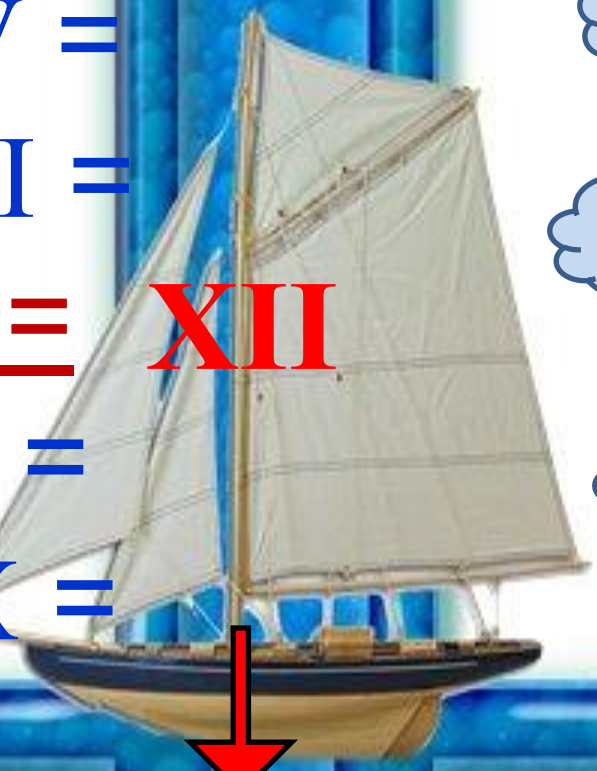
$$XV + IV =$$

$$XXI - VI =$$

$$\underline{III + IX} = XII$$

$$VIII - V =$$

$$II + XIX =$$





$$XV - IX =$$

$$XIX + I =$$

$$XXI - XI =$$

$$XV + IV =$$

$$XXI - VI =$$

$$III + IX =$$

$$\underline{VIII - V = III}$$

$$II + XIX =$$



III

VI

XX

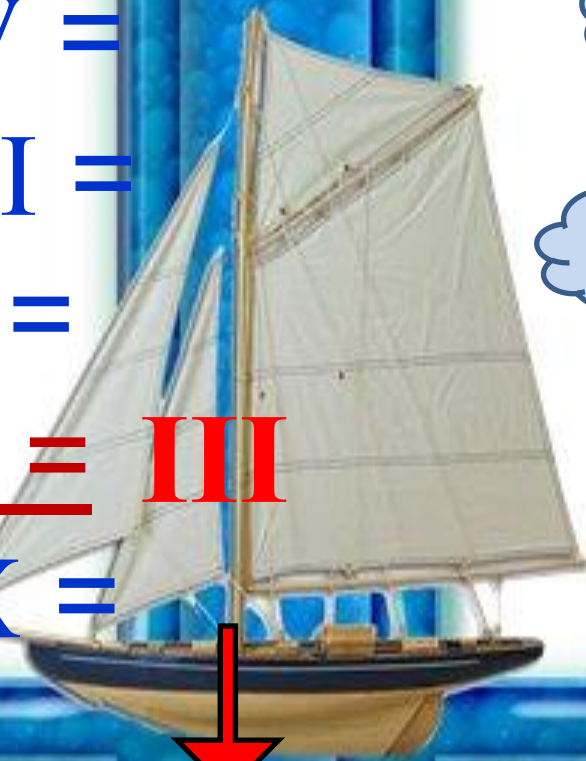
X

XIX

XV

XII

XXI





$$XV - IX =$$

$$XIX + I =$$

$$XXI - XI =$$

$$XV + IV =$$

$$XXI - VI =$$

$$III + IX =$$

$$VIII - V =$$

$$II + XIX = XXI$$



XX

VI

XXI

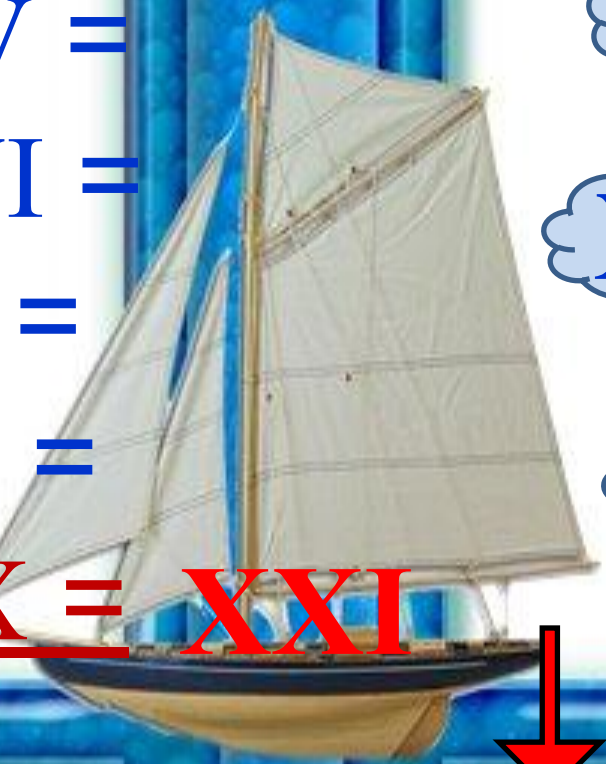
X

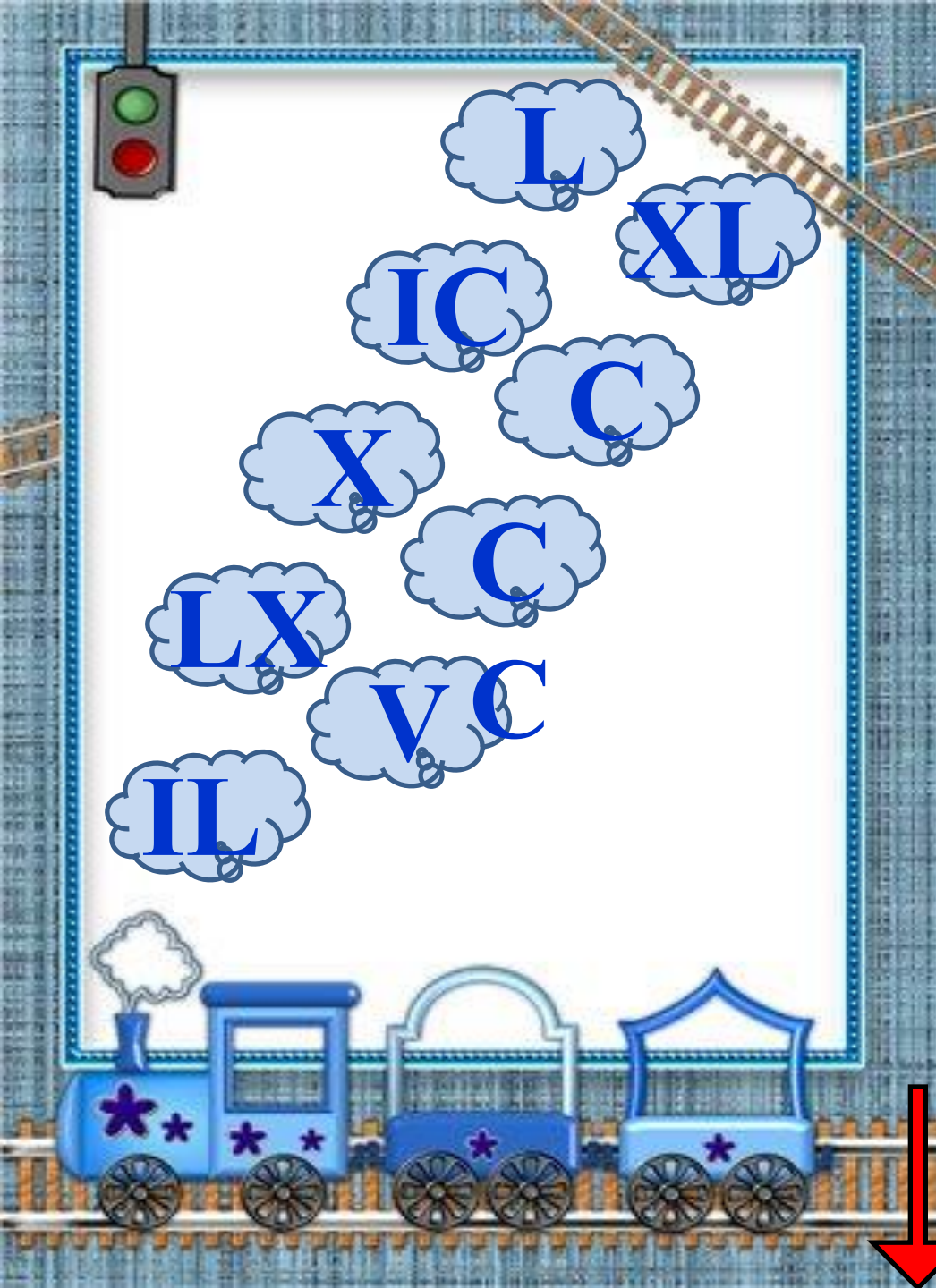
XIX

XV

XII

III





L

XL

IC

C

X

C

LY

VC

IL

$$\underline{L - I} = I$$

$$IL + I = L$$

$$LX - XX$$

$=$

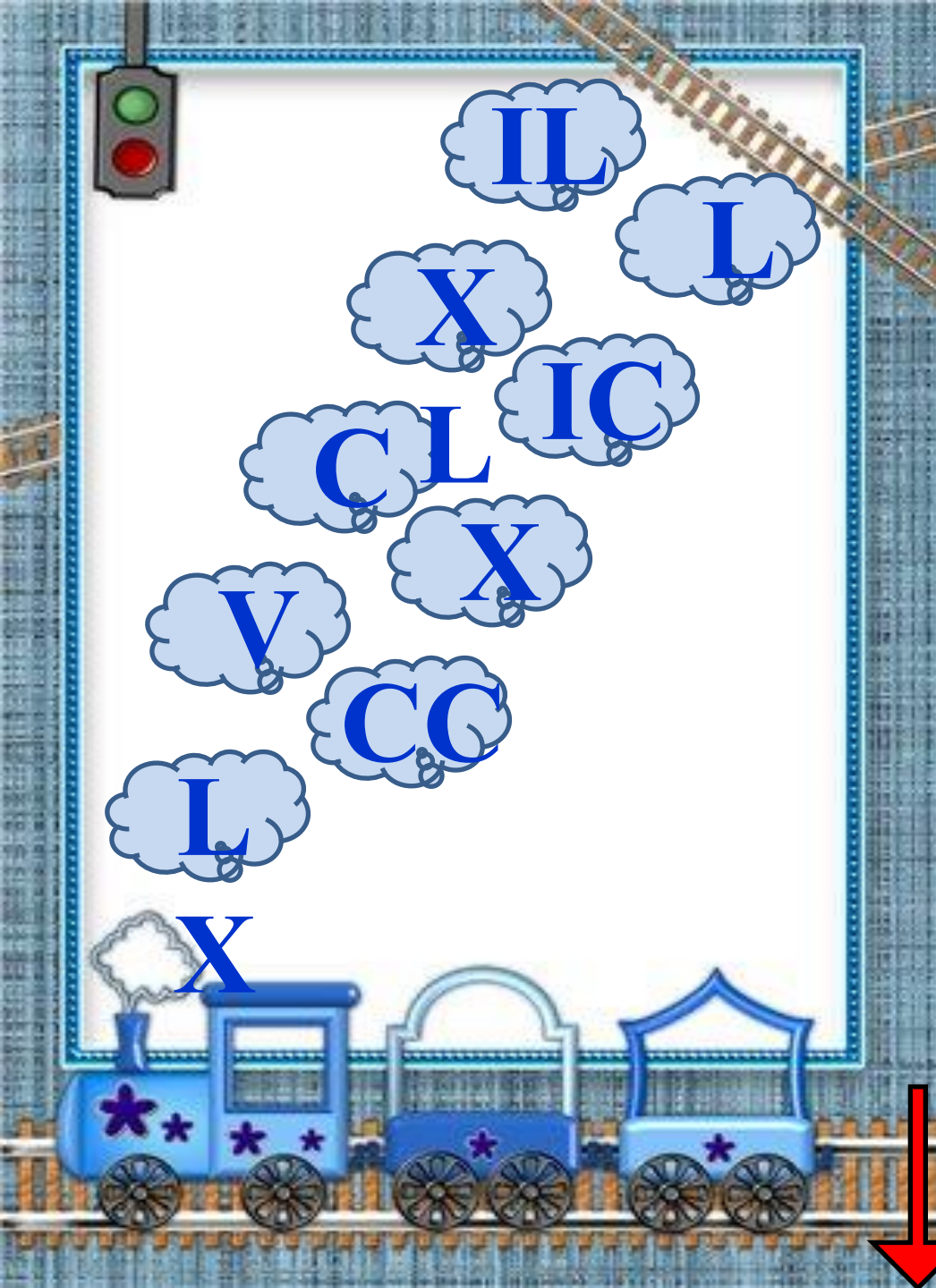
$$C - I =$$

$$IC + I =$$

$$C - XC =$$

$$C : XX =$$

$$L \cdot IV =$$



$$L - I =$$

$$\underline{IL} + I = L$$

$$LX - XX$$

$$=$$

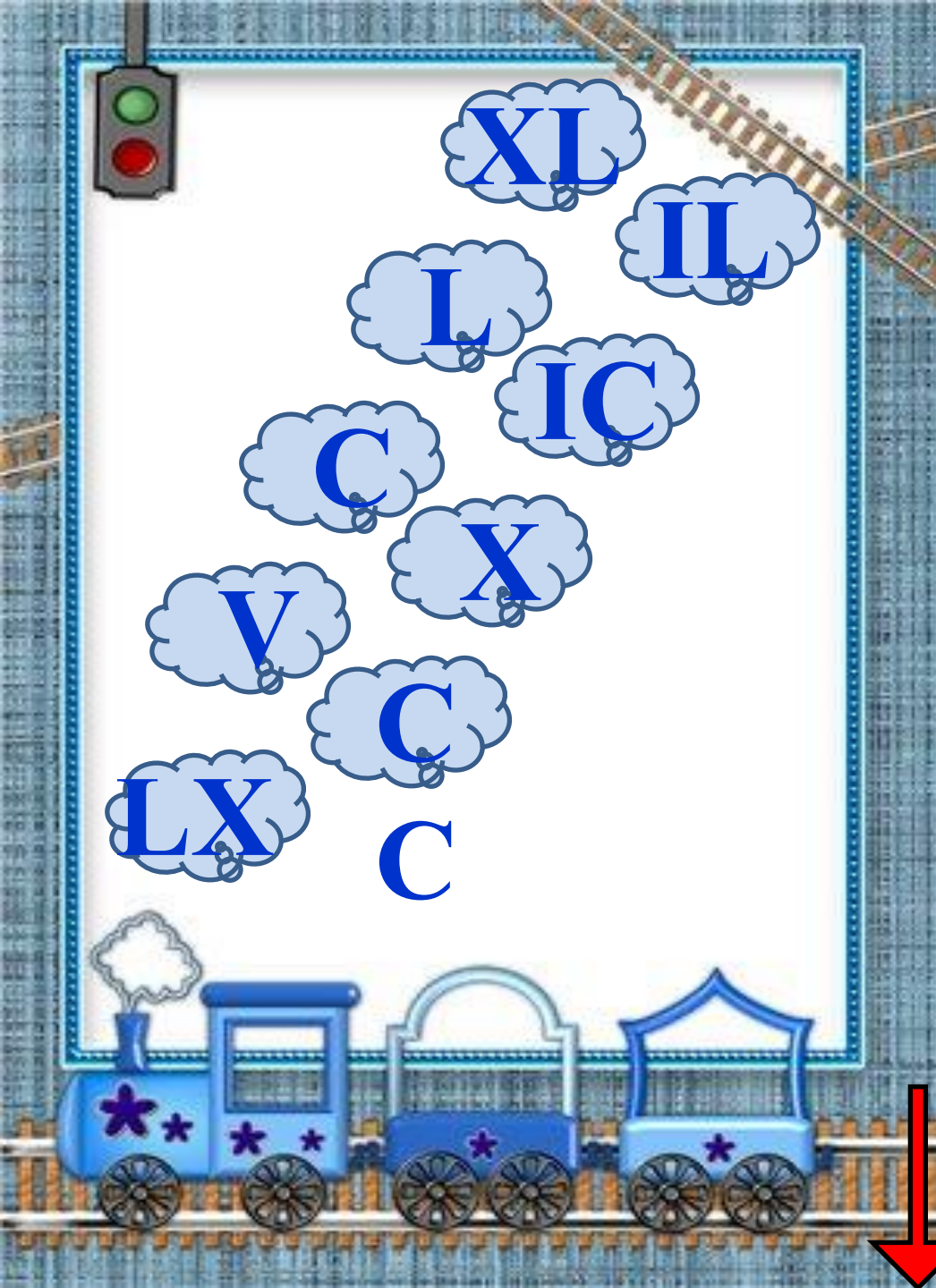
$$C - I =$$

$$IC + I =$$

$$C - XC =$$

$$C : XX =$$

$$L \cdot IV =$$



$$L - I =$$

$$IL + I =$$

$$\underline{LX - XX} \quad X$$

$$= \quad L$$

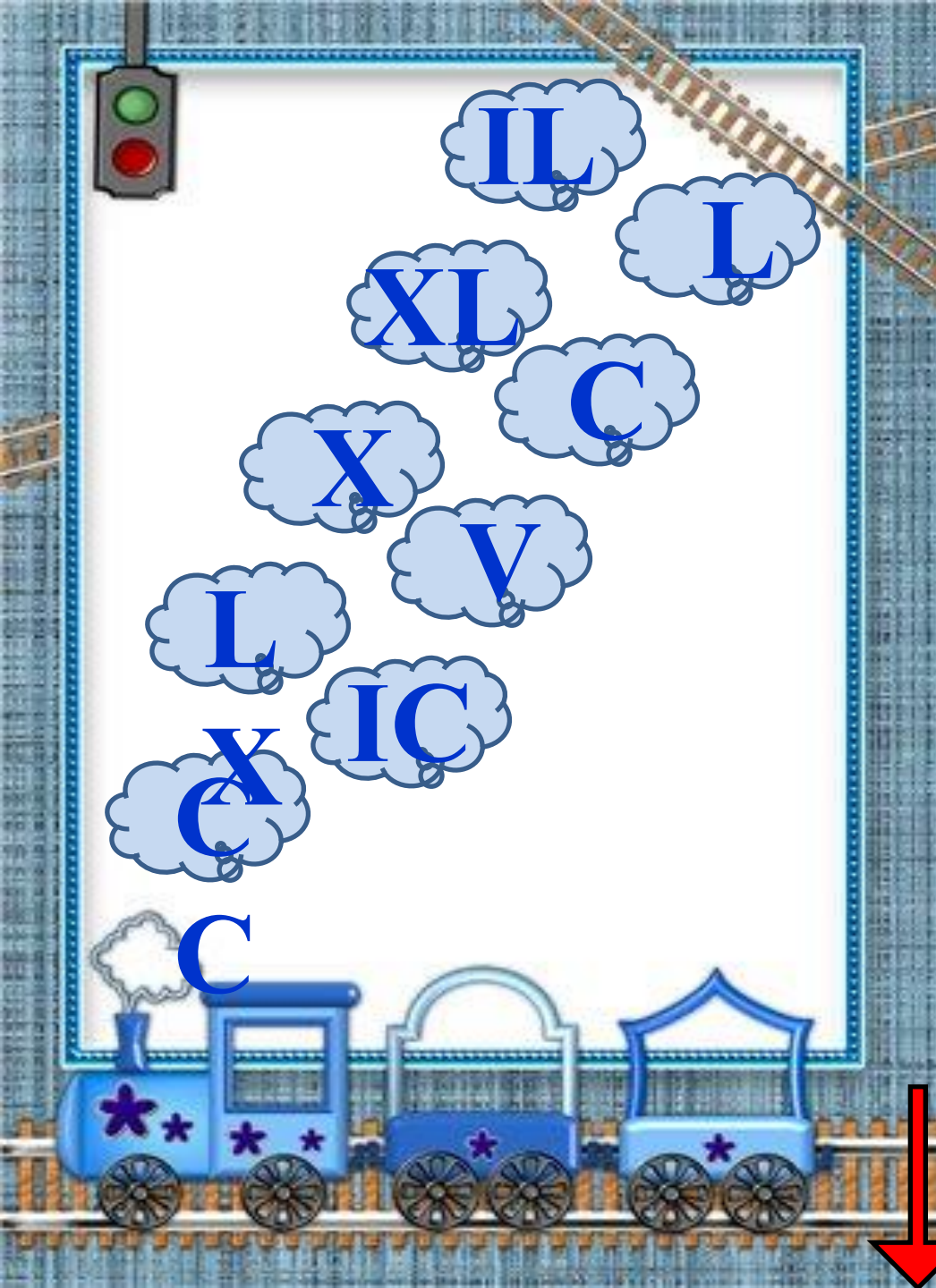
$$C - I =$$

$$IC + I =$$

$$C - XC =$$

$$C : XX =$$

$$L \cdot IV =$$



$$L - I =$$

$$IL + I =$$

$$LX - XX \\ = \quad IC$$

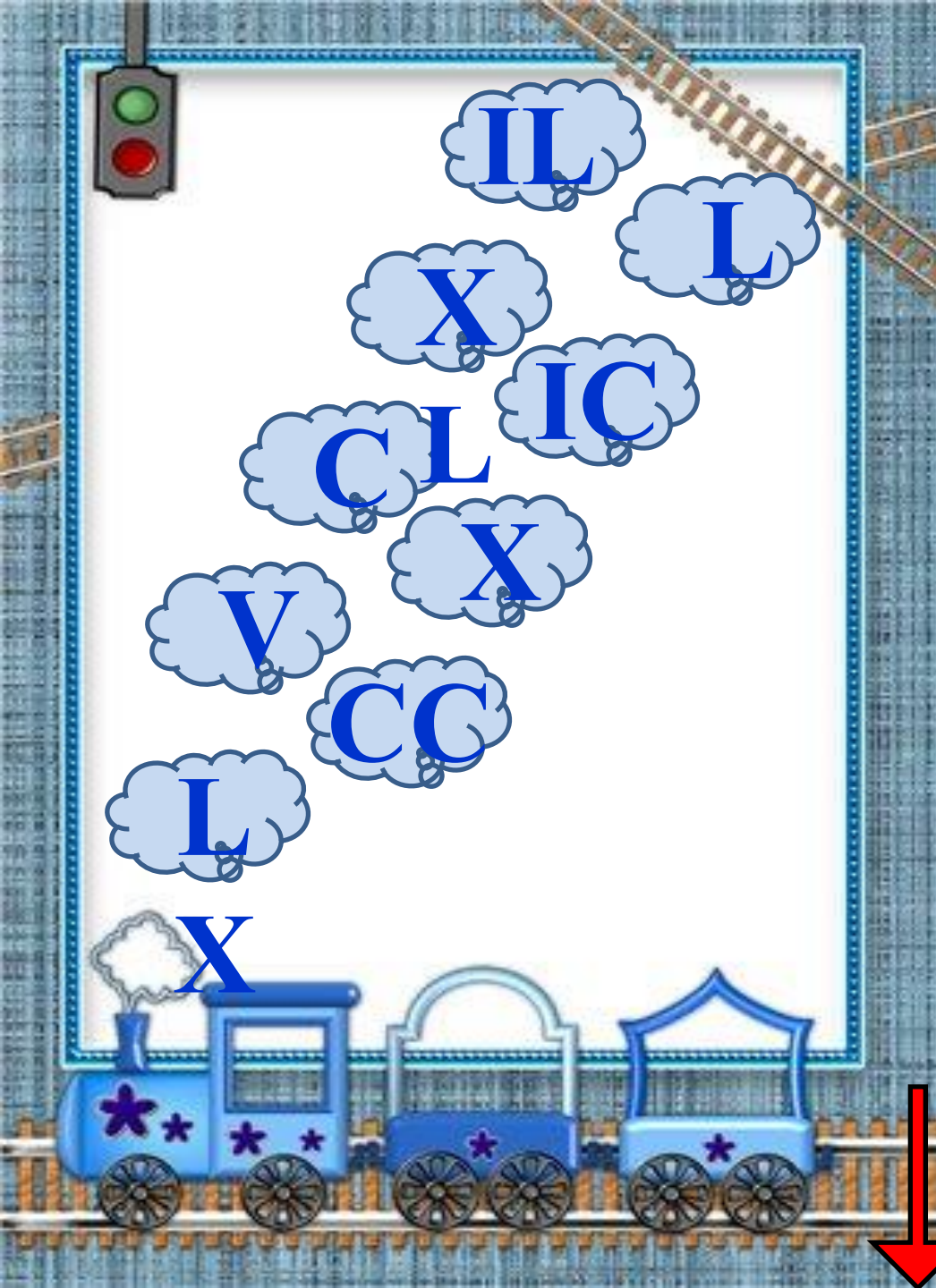
$$\underline{C - I} =$$

$$IC + I =$$

$$C - XC =$$

$$C : XX =$$

$$L \bullet IV =$$



$$L - I =$$

$$IL + I =$$

$$LX - XX$$

=

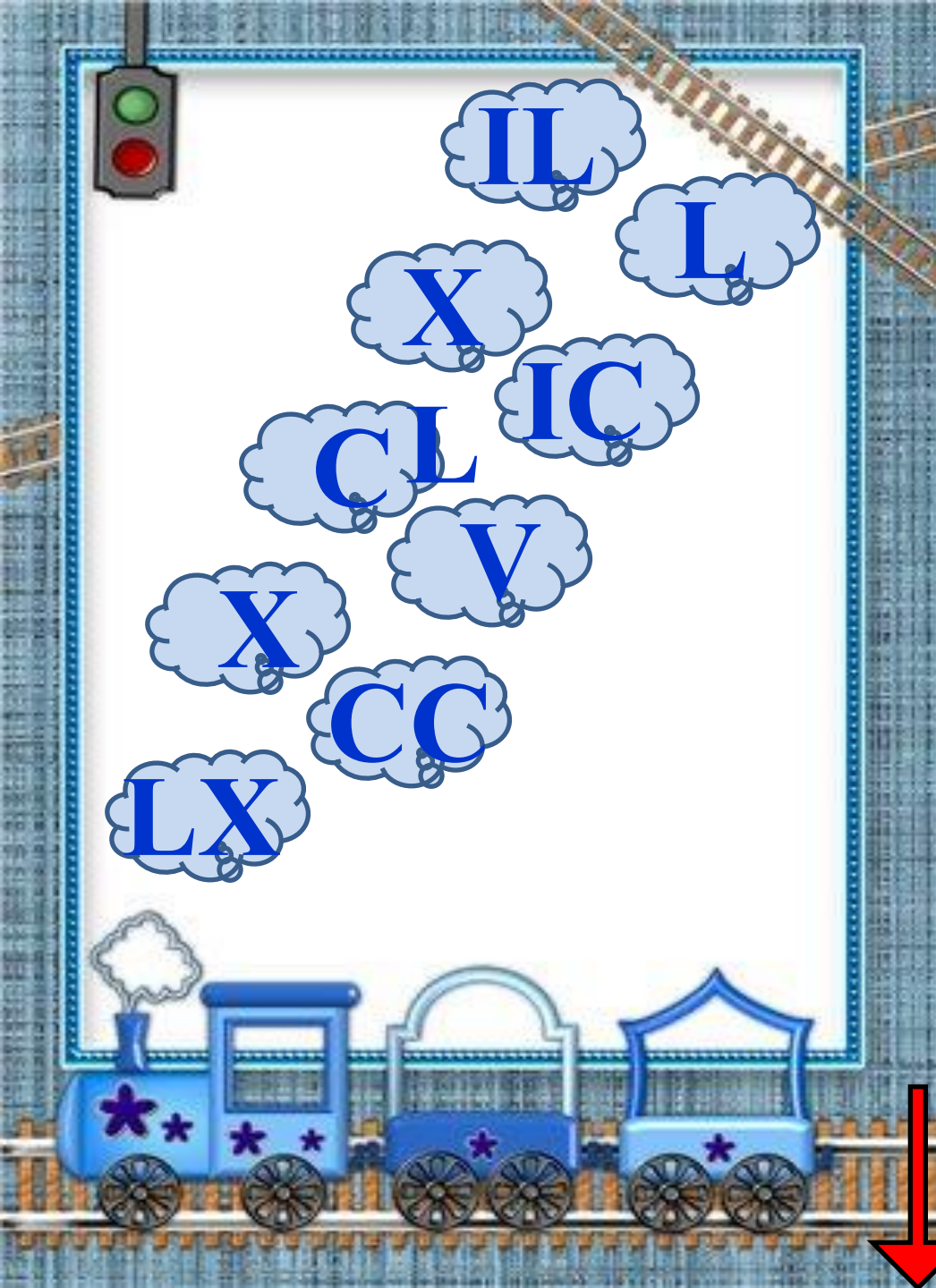
$$C - I = C$$

$$\underline{IC + I =}$$

$$C - XC =$$

$$C : XX =$$

$$L \cdot IV =$$



$$L - I =$$

$$IL + I =$$

$$LX - XX$$

$$=$$

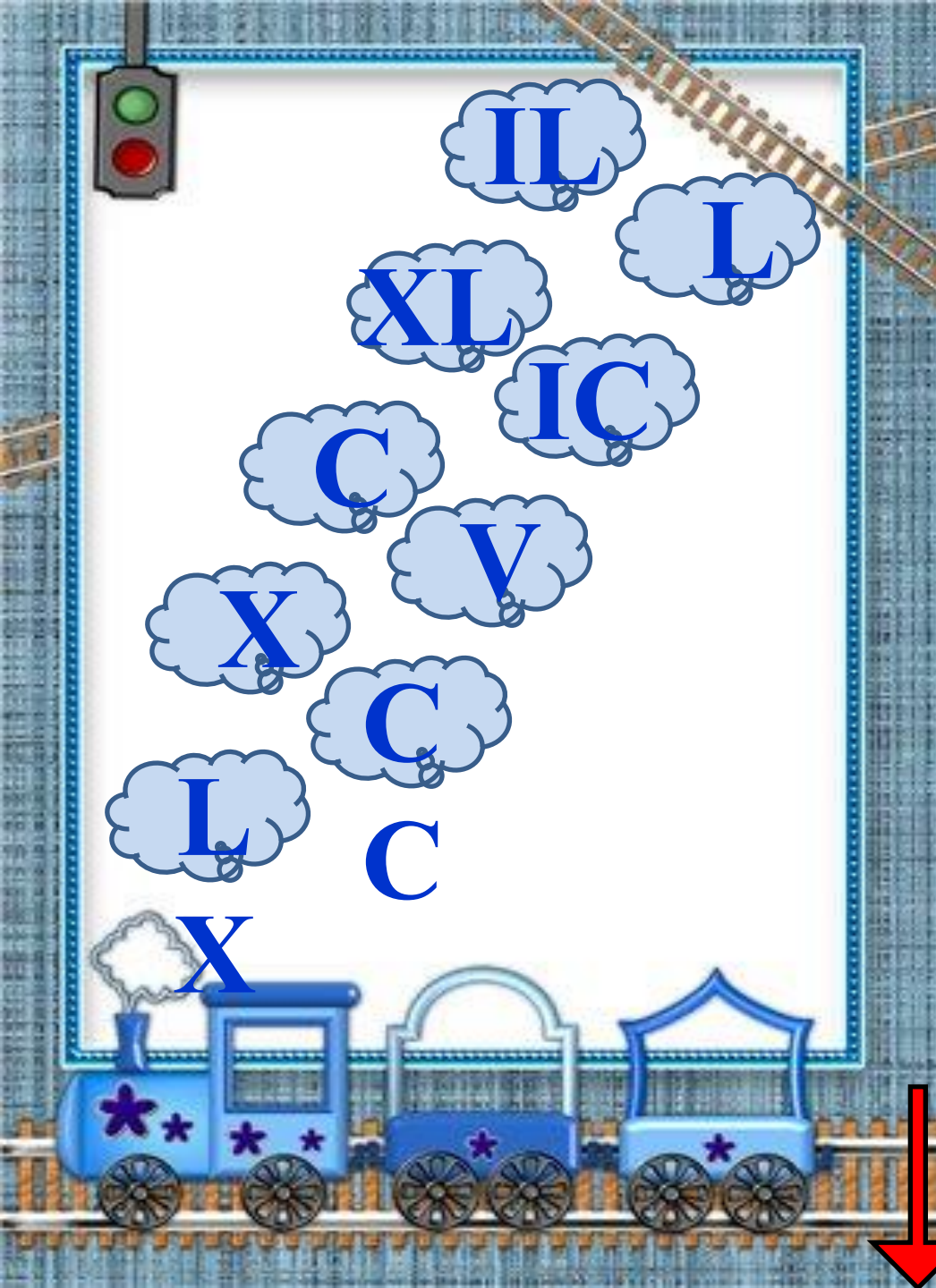
$$C - I =$$

$$IC + I = X$$

$$\underline{C - XC =}$$

$$C : XX =$$

$$L \cdot IV =$$



$$L - I =$$

$$IL + I =$$

$$LX - XX$$

=

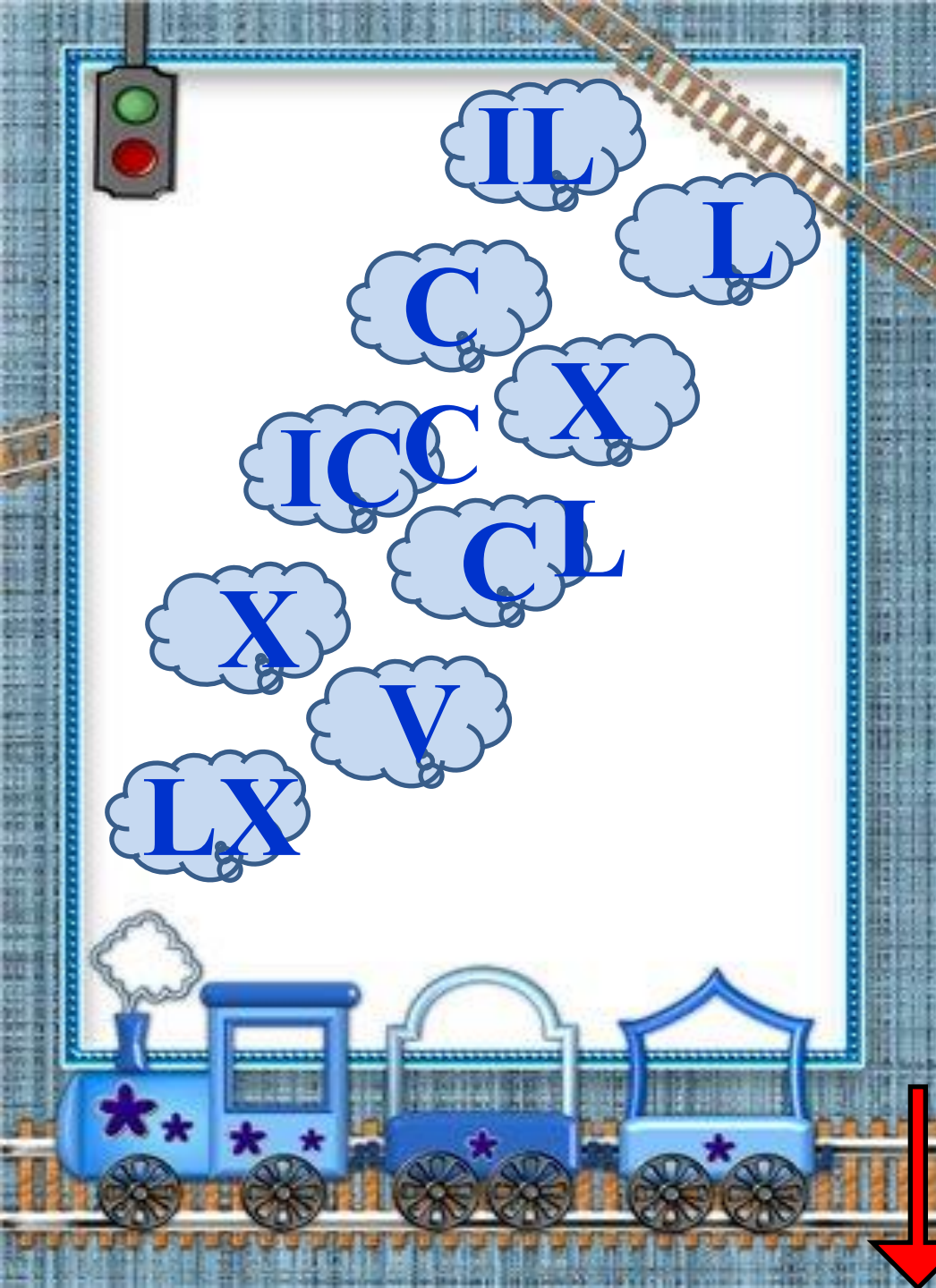
$$C - I =$$

$$IC + I =$$

$$C - XC = V$$

$$\underline{C : XX =}$$

$$L \cdot IV =$$



$$L - I =$$

$$IL + I =$$

$$LX - XX$$

$$=$$

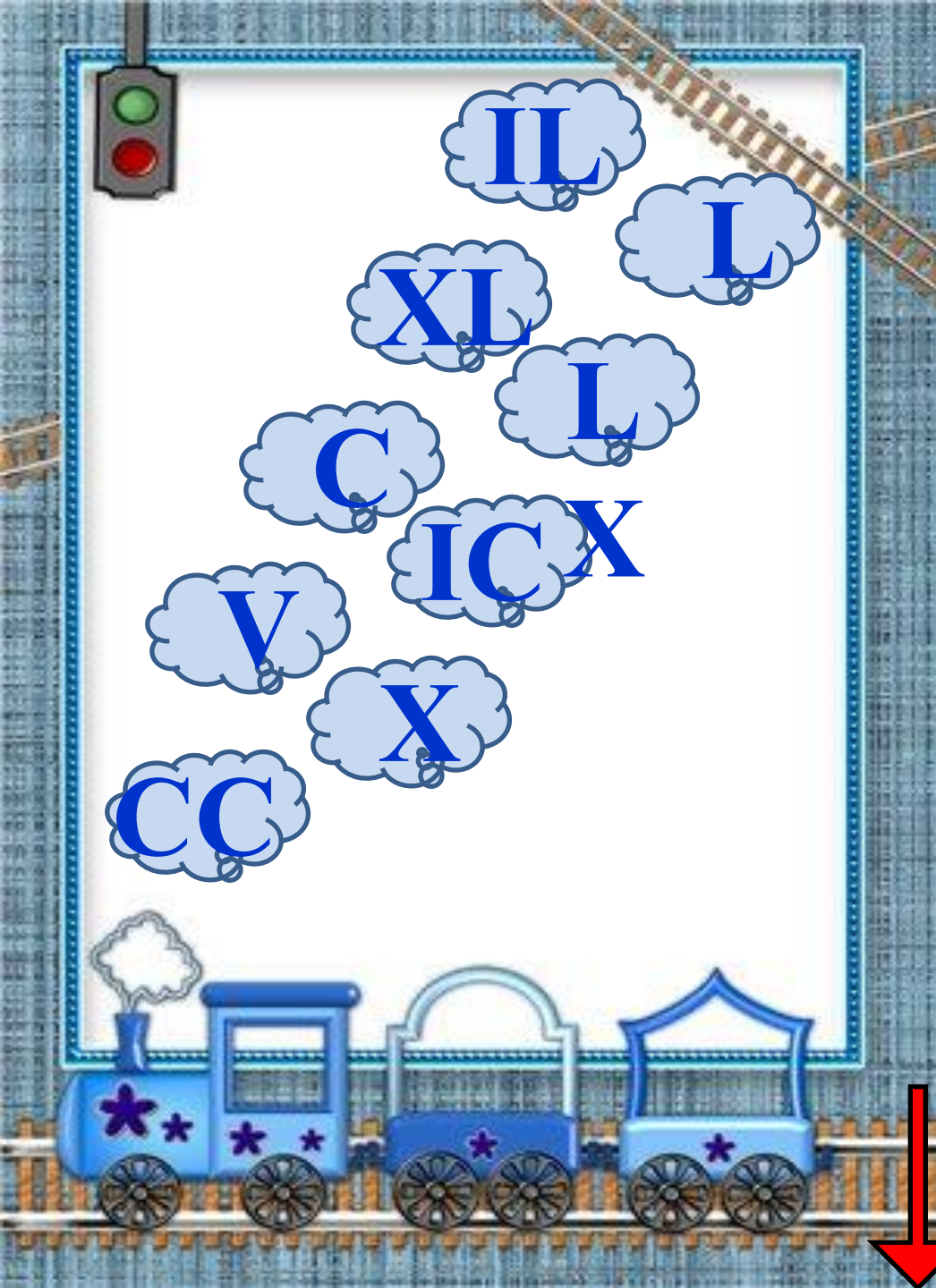
$$C - I =$$

$$IC + I =$$

$$C - XC =$$

$$C : XX \neq C$$

$$\underline{L \cdot IV =}$$



$$L - I =$$

$$IL + I =$$

$$LX - XX =$$

$$C - I =$$

$$IC + I =$$

$$C - XC =$$

$$C : XX =$$

$$L \cdot IV =$$

$$\underline{C - XL} = LX$$



$$\underline{D - I} = ID$$



$$ID + I =$$

$$M - I =$$

$$IM + I =$$

$$M : CCL =$$

$$D - L =$$

$$MV + VC =$$

$$MC - CX =$$

$$D \cdot IV =$$

D

IM

IV

LD

MC

XM

M

MM

ID





$$D - I =$$



$$\underline{ID} + I = D$$

ID

IM

$$M - I =$$

L



$$IM + I =$$

DMC

$$M : CCL =$$

D

XM

M

$$D - L =$$

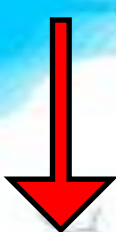
$$MV + VC =$$

MM

IV

$$MC - CX =$$

$$D \cdot IV =$$





ID

D



IM

M



$$D - I =$$

$$ID + I =$$

$$\underline{M - I} = IM$$

$$IM + I =$$

$$M : CCL =$$

$$D - L =$$

$$MV + VC =$$

$$MC - CX =$$

$$D \cdot IV =$$



IV

LD

MC

XM

MIM





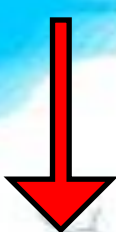
ID

IM



D

IV



$$D - I =$$

$$ID + I =$$

$$M - I =$$

$$\underline{IM} + I = M$$

$$M : CCL =$$

$$D - L =$$

$$MV + VC =$$

$$MC - CX =$$

$$D \cdot IV =$$



LD

MC

XM

M

MIM





ID

IV



D

IM



$$D - I =$$

$$ID + I =$$

$$M - I =$$

$$IM + I =$$

$$\underline{M : CCL} = IV$$

$$D - L =$$

$$MV + VC =$$

$$MC - CX =$$

$$D \cdot IV =$$



L

D MC

M

XM

MM





$$D - I =$$



LD

$$ID + I =$$

ID

$$M - I =$$

IV



$$IM + I =$$

MC

IM

$$M : CCL =$$

M

XM

$$\underline{D - L} = L$$

MM

D

$$MV + V\mathbf{D} =$$

$$MC - CX =$$

$$D \cdot IV =$$





$$D - I =$$



$$ID + I =$$

ID

$$M - I =$$

MC

D

$$IM + I =$$

IV



$$M : CCL =$$

LD

IM

$$D - L =$$

XM

$$\underline{MV + VC} = MC$$

MM

M

$$MC - CX =$$



$$D \cdot IV =$$





ID

D



IM

M



$$D - I =$$

$$ID + I =$$

$$M - I =$$

$$IM + I =$$

$$M : CCL =$$

$$D - L =$$

$$MV + VC =$$

$$\underline{MC - CX} = XM$$

$$D \cdot IV =$$



IV

LD

MC

MM

XM





ID

D



IM

M



$$D - I =$$

$$ID + I =$$

$$M - I =$$

$$IM + I =$$

$$M : CCL =$$

$$D - L =$$

$$MV + VC =$$

$$MC - CX =$$

$$\underline{D \cdot IV} = MM$$



IV

MM

LD

MC

XM





Презентация

составлена

учителем

математики

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