Xxxxc Dati

$AB + CD = 35$ cm.

$CD = \frac{1}{6} AB$

Incognita

$AB = ?$

$CD = ?$

$AB + CD = 35$ cm

$AB + \frac{1}{6} AB = 35$ cm

$\frac{6}{6} AB + \frac{1}{6} AB = 35$ cm

$AB = 35$ cm

$\frac{7}{6} AB = 35$ cm

$\frac{7}{6}$ (AB) $= 35$ cm

$\frac{7}{6}$ (AB) $= 35$ cm

$AB = \frac{35 \text{ cm}}{\frac{7}{6}}$

$AB = \frac{35 \text{ cm}}{7} \cdot 6$

(AB) $= 35$ cm X $\frac{6}{7}$

$AB = 35$ cm X $\frac{6}{7} =$ **30 cm**

$CD = \frac{1}{6} AB = 11{,}6$

$CD = \frac{1}{6}$ 30 cm $=$ **5 cm**

152

Dati

$AB + CD = 36$ cm.

$CD = \frac{1}{8} AB$

$AB + \frac{1}{8} AB = 36$ cm.

$\frac{8}{8} AB + \frac{1}{8} AB = 36$ cm

$\frac{9}{8} AB = 36$ cm

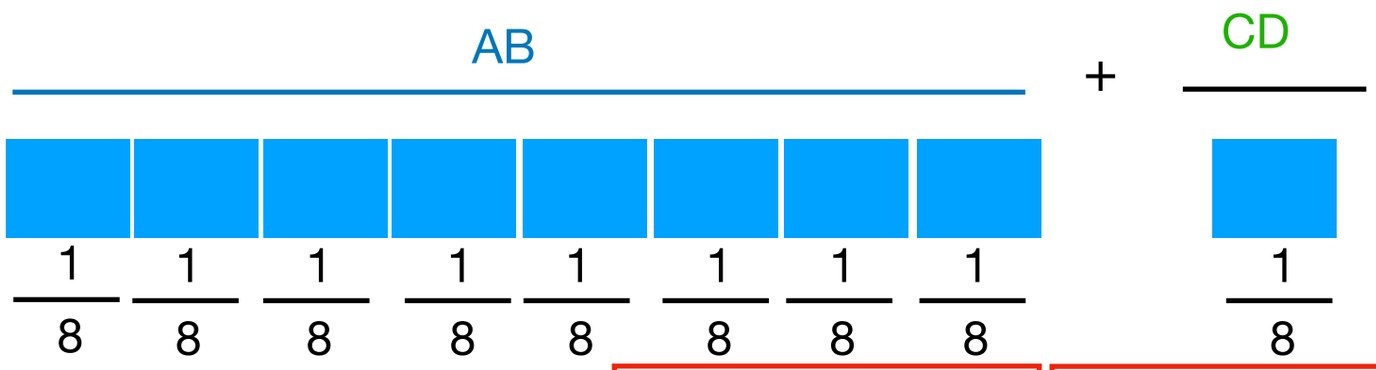
$\frac{9}{8}$ AB $= 36$ cm

$\frac{9}{8}$ AB $= 36$ cm

Incognita

$AB = ?$

$CD = ?$



AB $= \frac{36 \text{ cm}}{9/8}$

AB $= \frac{36 \text{ cm}}{9/8}$

AB $= \frac{36 \text{ cm}}{9/8}$

AB $= 36 \text{ cm} \times \frac{8}{9}$

$AB = 36 \text{ cm} \times \frac{8}{9} = 32 \text{ cm}$

$CD = \frac{1}{8} AB$

$CD = \frac{1}{8} 32$

$CD = 4$ Cm

160 **Dati**

Incognita

$AB - CD = 32\ cm$

$AB - CD = 32\ cm$

$AB = ?$

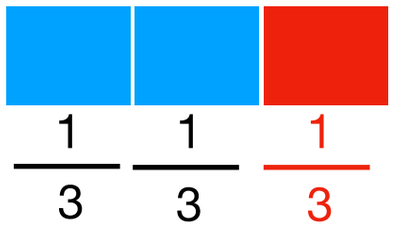
$CD = ?$

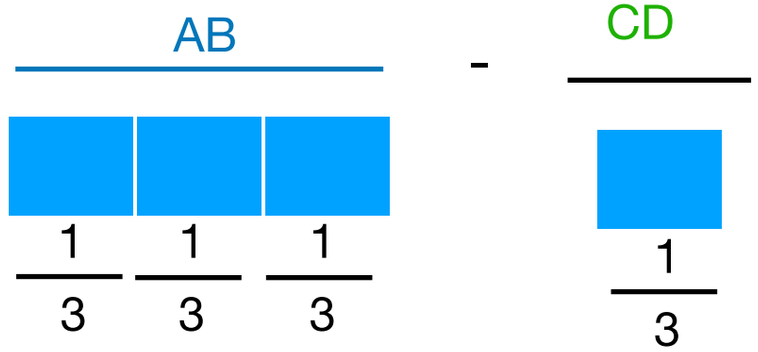
$CD = \frac{1}{3} AB$

$CD = \frac{1}{3} AB$

$AB - \frac{1}{3} AB = 32\ cm.$

$\frac{3}{3} AB - \frac{1}{3} AB = 32\ cm$





$\frac{2}{3} AB = 32\ cm$

$\frac{2}{3} AB = 32\ cm$

$\frac{2}{3} AB = 32\ cm$

$AB = \frac{32\ cm}{\frac{2}{3}}$

$AB = 32\ cm : \frac{2}{3}$

$AB = 32\ cm \times \frac{3}{2}$

$AB = 32\ cm \times \frac{3}{2} = 48\ cm$

$CD = \frac{1}{3} AB$

$CD = \frac{1}{3} 48$

$CD = 16\ Cm$

164

Dati

$CD - AB = 6\ cm$

$AB = \frac{1}{9} CD$

$CD - \frac{1}{9} CD = 6\ cm.$

$\frac{9}{9} CD - \frac{1}{9} CD = 6\ cm$

$\frac{8}{9} CD = 6\ cm$

$\frac{8}{9} CD = 6\ cm$

$CD = \frac{6\ cm}{\frac{8}{9}}$

$CD = 6\ cm : \frac{8}{9}$

$CD = 6\ cm \times \frac{9}{8}$

$AB = \frac{1}{9} CD$

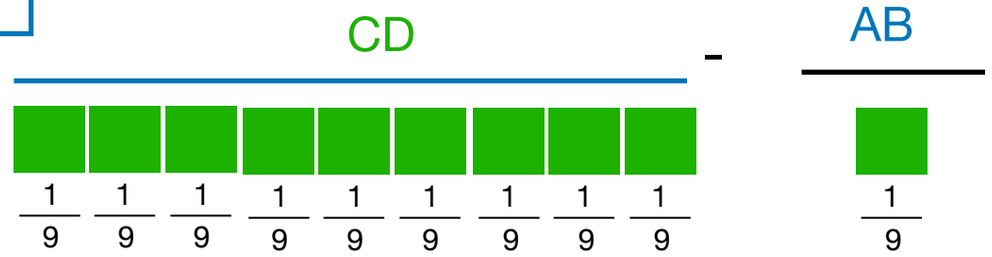
Incognita

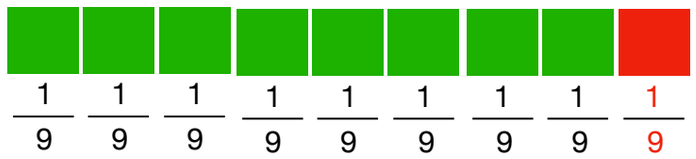
$AB = ?$

$CD = ?$

$CD - AB = 6\ cm$

$AB = \frac{1}{9} CD$





$CD = \frac{6\ cm}{\frac{8}{9}}$

$CD = 6\ cm : \frac{8}{9}$

$CD = 6\ cm \times \frac{9}{8}$

$CD = 6\ cm \times \frac{9}{8} = 6{,}75\ cm$ ✓

$AB = \frac{1}{9} CD$

$AB = \frac{1}{9} 6{,}75\ cm$

$AB = 0{,}75\ Cm$ ✓

139

AB = 22,5 cm. CD = ?

$$CD = \frac{1}{15} AB \longrightarrow$$

$$CD = \frac{1}{15} \ 22{,}5 \text{ cm.} \qquad CD = \ 1{,}5 \text{ cm}$$

Dati

AB + CD = 58 cm.

AB = 4 CD

4 CD + CD = 58 cm.

5 CD = 58 cm.

CD = $\frac{58\text{ cm}}{5}$ = 11,6 ⟶ CD = **11,6 cm**

AB = 4 CD ⟶ AB = 4 X 11,6 cm = **46,4**

Incognita

AB = ?

CD = ?