

394.50g NaCl

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known Unknown (Estimated)
Unit Label

394. 50 g NaCl system
known Estim. unit label mass
(unit: g)

System : g/kg : mass L/mL : volume
 m/cm/mm : length °C/K : temp

0.0289 m table

0.028 9 m Table
known digits ↑ unit label
 Estimated digit

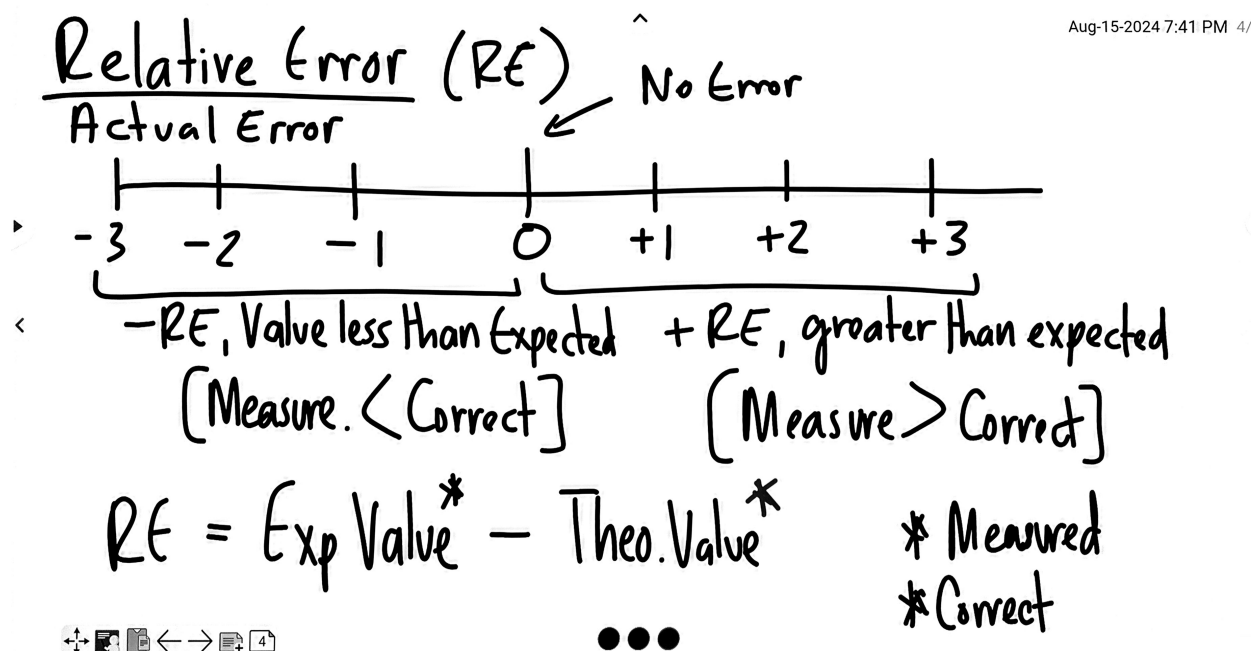
Estimated digit] "error" "resolution"
 ± 0.0001 m

0.0288, 0.0289, 0.0290

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Accuracy and Precision		Avg.	Correct	Range ($\pm$)
① 34.6g	34.5g	34.6g	34.6g	34.5 - 34.7
34.7g	34.6g			± 0.2
		Very Accurate		Very Precise
② 31.5g	36.2g	33.9g	34.6g	31.5g - 36.2g
34.7g	33.2g	-0.7g (less)	less Accurate	diff: 4.7g
				Not Precise

● ● ●



Calculate RE + = Too High

Exp: 151.6g

Theo: 146.3g
(correct)

$$\begin{aligned} RE &= \text{Exp} - \text{Theo} \\ &= 151.6g - 146.3g \\ &= +5.3g \text{ (+RE)} \end{aligned}$$

- = Too low

Exp: 137.2g

Theo: 146.3g

$$\begin{aligned} RE &= \text{Exp} - \text{Theo} \\ &= 137.2g - 146.3g \\ &= -9.1g \text{ (-RE)} \end{aligned}$$