October 9, 2017

#4) $0.90 = \frac{90}{100} = \frac{9 \cdot 10}{10 \cdot 10} = \frac{9}{10}$

#6) $0.\overline{24}$

$0.24242424\ldots$

$x = 0.2424\ldots$

$100x = 24.2424\ldots$

$-\ x = 0.2424\ldots$

$99x = 24$

0.58432

$\frac{58432}{100000}$

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#8) $C = 5 + \frac{d}{h}$; for h

$hC = 5h + d$

$hC - 5h = d$

$\frac{h(C-5)}{C-5} = \frac{d}{C-5}$

$h = \frac{d}{C-5}$

CK

$C = 5 + \frac{d}{h}$

$C = 5 + \frac{d}{1} \cdot \frac{C-5}{d}$

$C = 5 + C - 5$

$C = C$ ✓

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#9) $g = 4ca - 3ba$; for a

$\frac{g}{4c-3b} = \frac{a(4c-3b)}{4c-3b}$

$\frac{g}{4c-3b} = a$

$g = \frac{4c}{1}\left(\frac{g}{4c-3b}\right) - \frac{3b}{1}\left(\frac{g}{4c-3b}\right)$

$= \frac{4cg}{4c-3b} - \frac{3bg}{4c-3b}$ common

$g = \frac{4cg - 3bg}{4c-3b}$

$g = \frac{g(4c-3b)}{4c-3b}$

$g = g$ ✓

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$-7^2 \neq (-7)^2$

$(-1) \cdot 7 \cdot 7$

$(-7) \cdot 7$

-49

$(-7) \cdot (-7)$

49

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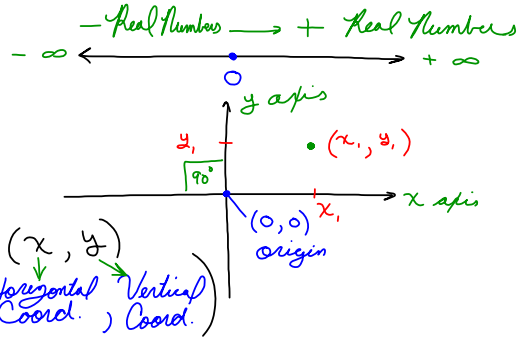
3.1 Core

Rectangular Coordinate System



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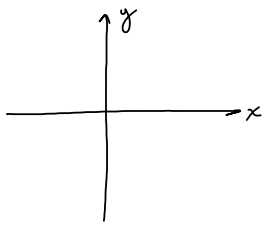

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