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11/18

P. 45
#15

400 miles

15 gal

options
to
solve

A) unit rate per gallon = $26.\bar{6}$ per gallon

B) cross multiply

C) ratio tables

(C)

4	80	160	$53\frac{1}{3}$	$106\frac{2}{3}$	$26.\bar{6}$				
15	3	6	2	4	1				

unit rate

$$\begin{array}{r} 26.\bar{6} \\ 15 \overline{) 400.0} \\ \underline{30} \\ 100 \\ \underline{90} \\ 100 \\ \underline{90} \\ 100 \end{array} \quad \text{(A)}$$

(B)

$$\frac{400 \text{ m}}{15 \text{ gal}} = \frac{X}{6 \text{ gal}}$$

$$\frac{15X}{15} = \frac{2400}{15}$$

$$X = 160$$

11/18/16, 11:54:06 AM

11/18/16, 5:54 AM, 31m 56s

11/18

P. 45
#15

400 miles

15 gal

options
to
solve

A) unit rate per gallon = $26.\bar{6}$ per gallon

B) cross multiply

C) ratio tables

↓

(C)	4	80	160	$53\frac{1}{3}$	$106\frac{2}{3}$	$26.\bar{6}$				
	15	3	6	2	4	1				

unit rate

(A)

$$15 \overline{) 400.0} \leftarrow$$

26. $\bar{6}$

30

100

90

100

90

100

(B)

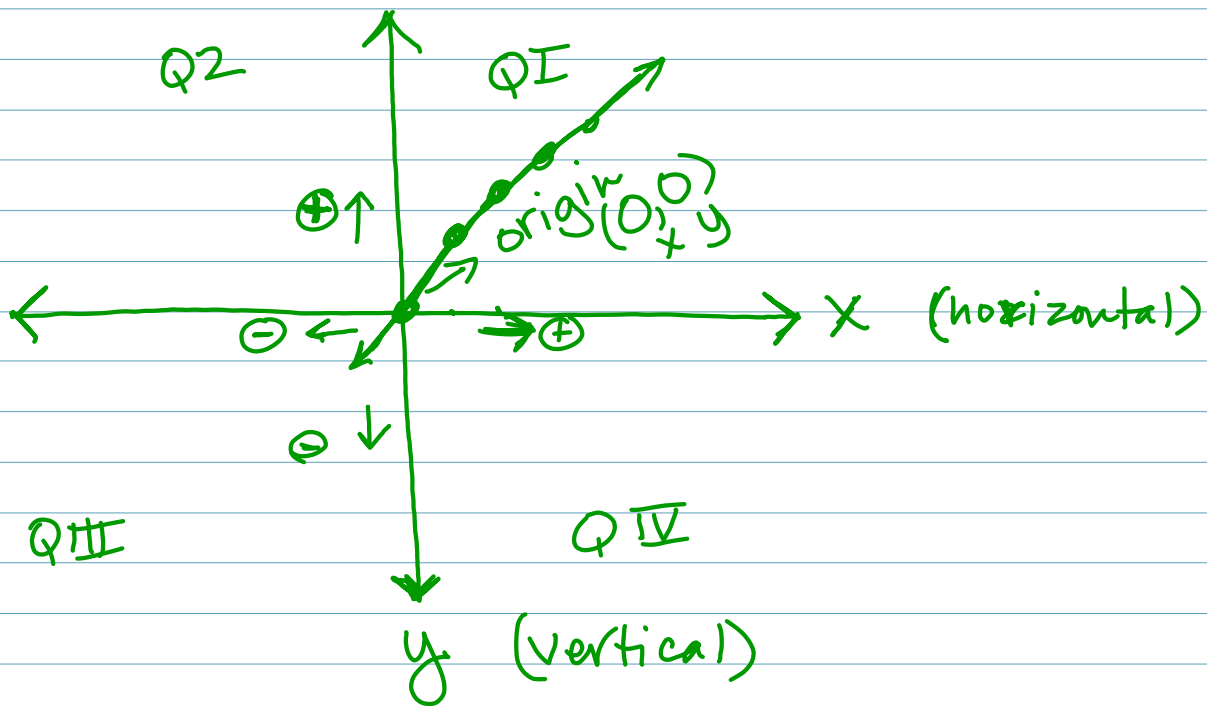
$$\frac{400 \text{ m}}{15 \text{ gal}} = \frac{x}{6 \text{ gal}}$$

$$\frac{15x}{15} = \frac{2400}{15}$$

$x = 160$

Ch 1.5 Graphing p47-54

* coordinate plane - two intersecting perpendicular lines
 $x + y$
 $\downarrow \quad \downarrow$
 indep. dep.



$$2 + 4 = 6$$

$$2 + x = y$$

input/output	
X	Y
1	3
2	4
3	5
4	6

ordered pair

(x, y)
 $\uparrow \quad \uparrow$
 problem answer

function
 $y = x + 2$

p57 (HW)

X	Y
0	0
1	4
2	8
3	12
4	16
5	
6	24
90	360

recursive

$$y = 4x$$

$$y = 100x$$

X	Y
1	100
2	200
3	300
4	400

EXAMPLE

