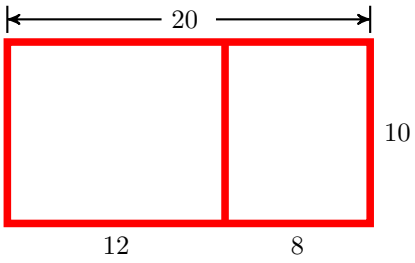
Play with TikZ

Just Us

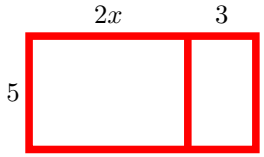
March 19, 2019

1 Chap 4 Section 1

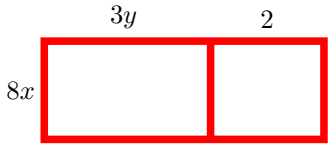
fig-4-1-1



hp-4-1-29



hp-4-1-29



2 Chap 4 Section 2

fig-4-2-ex3

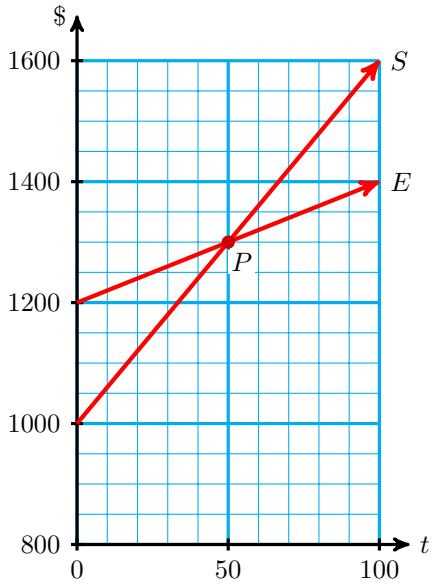


fig-4-2-ex4

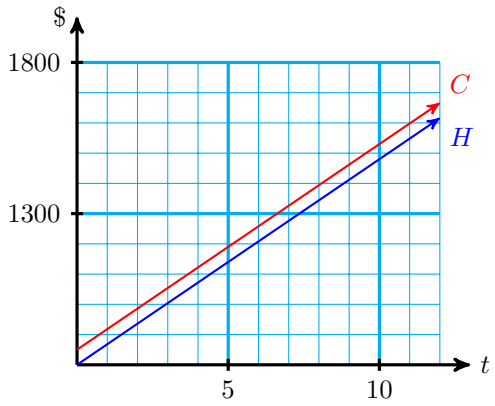


fig-4-2-ex5

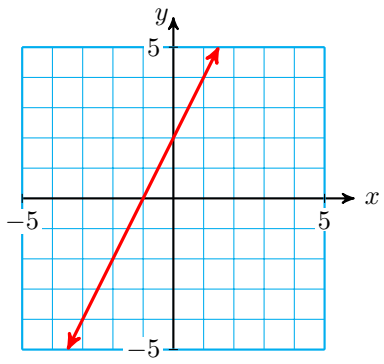
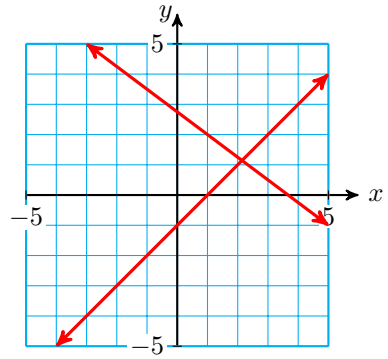
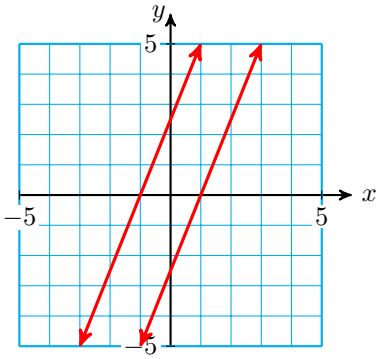


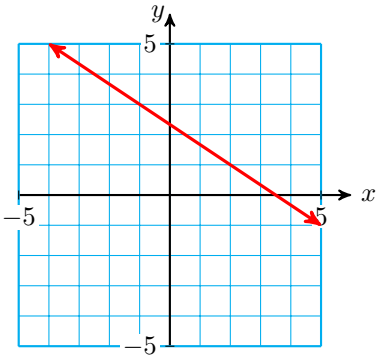
fig-4-2-1



Consistent and independent;
one solution

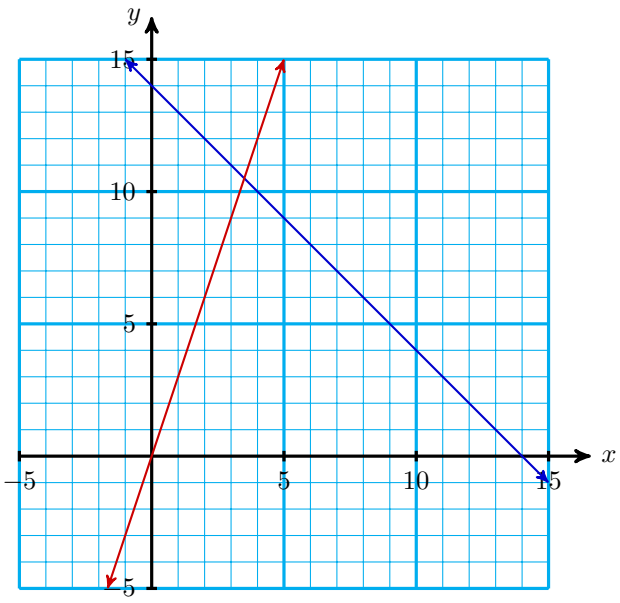


Inconsistent;
no solution

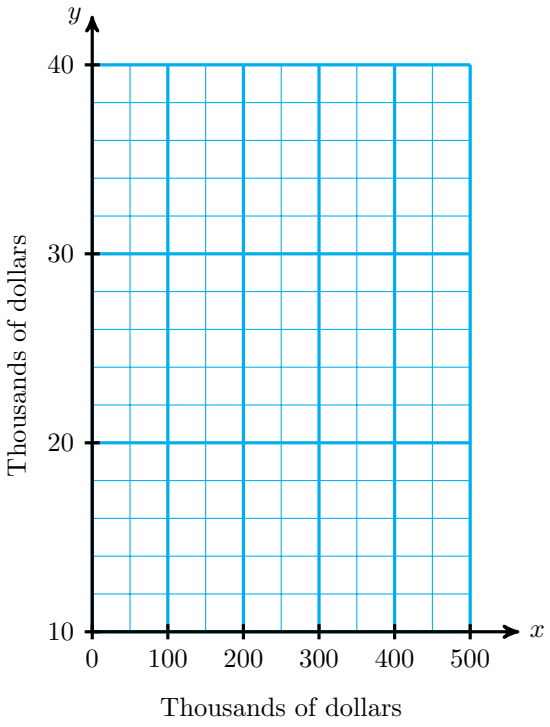


Dependent;
infinitely many solutions

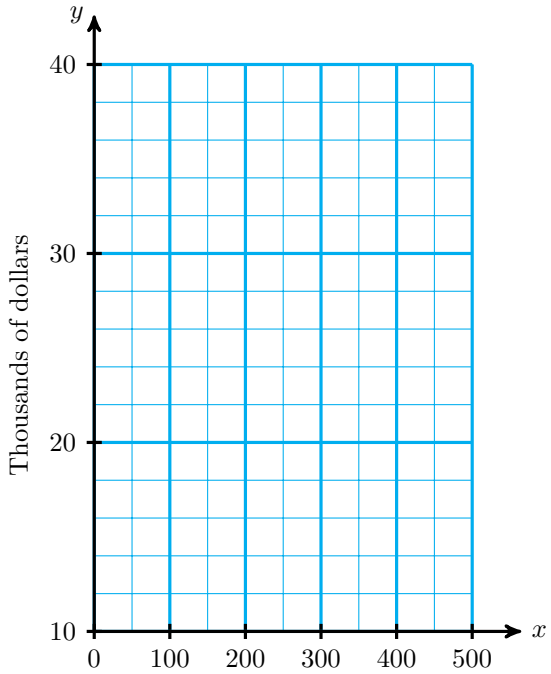
fig-4-2-ex6


y
15
10
5
−5
5
10
15
x
−5

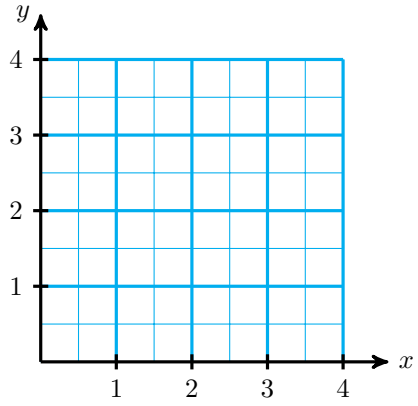
hp-4-2-13


y
40
30
20
10
0
100
200
300
400
500
x
Thousands of dollars
Thousands of dollars

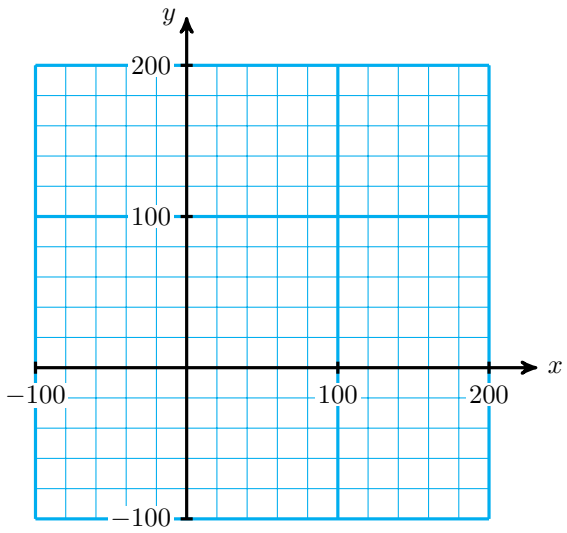
hp-4-2-14



hp-4-2-15



hp-4-2-16



3 Chap 4 Section 3

fig-4-2-ex3 from 4.2 Example 3

fig-4-3-1

$$y = \mathbf{6x + 1000}$$

Substitute into the second equation.

$$\mathbf{y} = 2x + 1200$$

to get

$$\mathbf{6x + 1000} = 2x + 1200$$

fig-4-3-ex2

$$y = \mathbf{1 - 3x}$$

$$2\mathbf{y} + 5x = 5$$

$$2(\mathbf{1 - 3x}) = 5$$

fig-4-3-ex6a

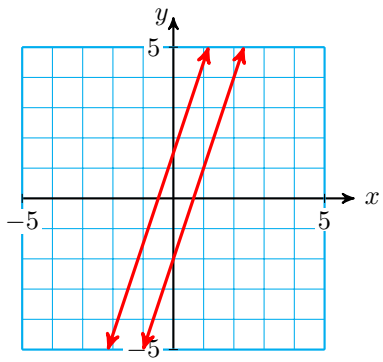
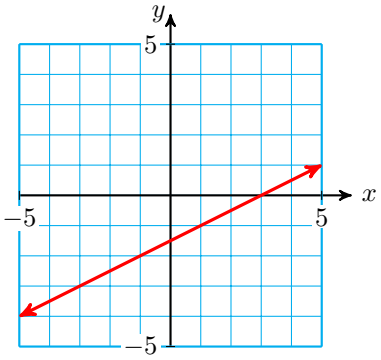
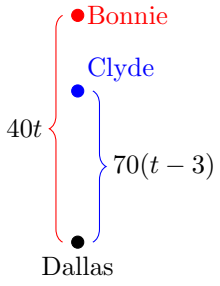


fig-4-3-ex6b

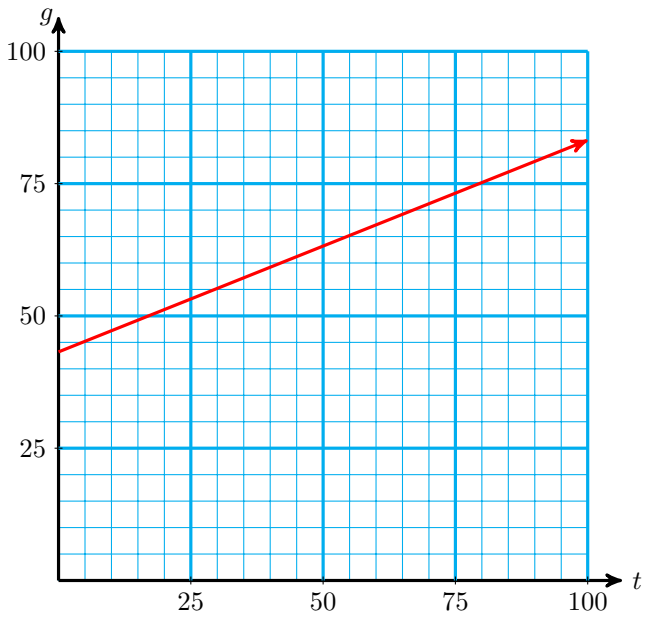
4 Chap 4 Section 4



hp-4-4-9ans



hp-4-4-12



5 Chap 4 Section 5

fig-4-5-ex1

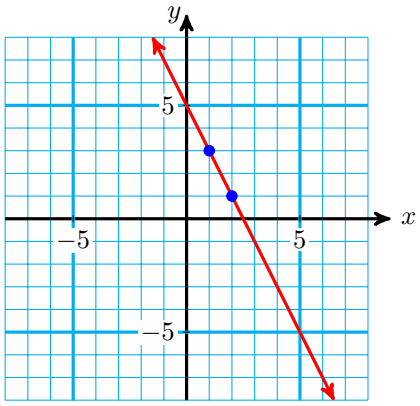


fig-4-5-ex2

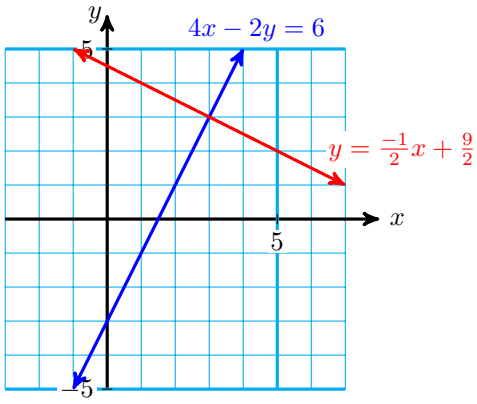
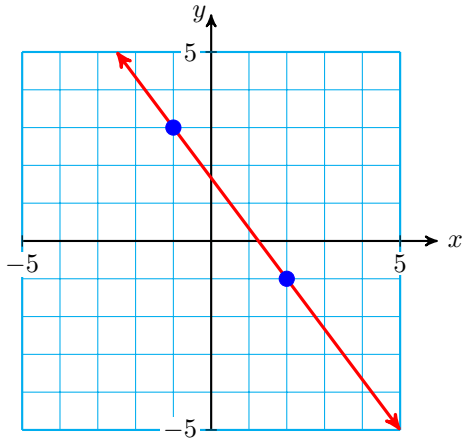
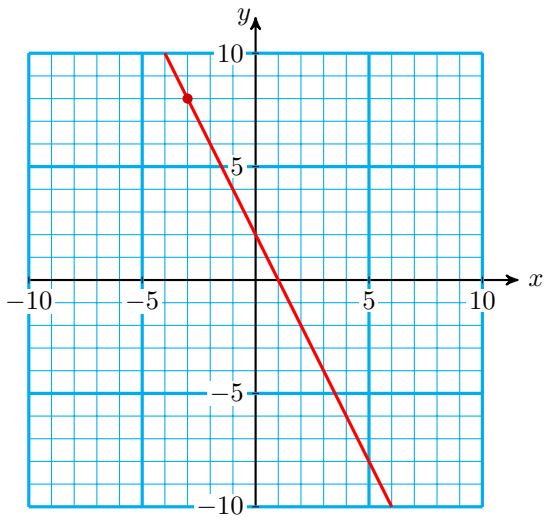


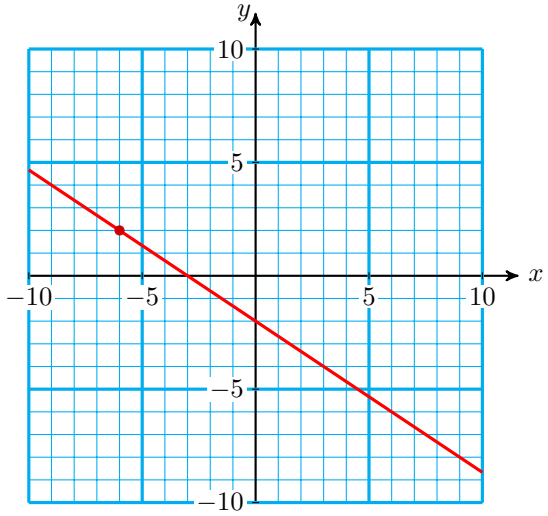
fig-4-5-ex3



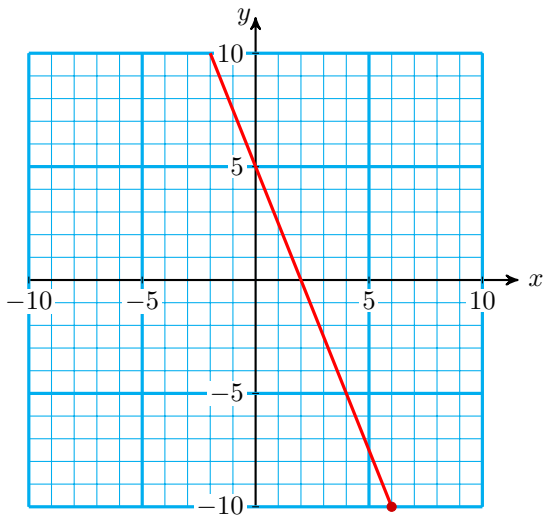
hp-4-5-1ans



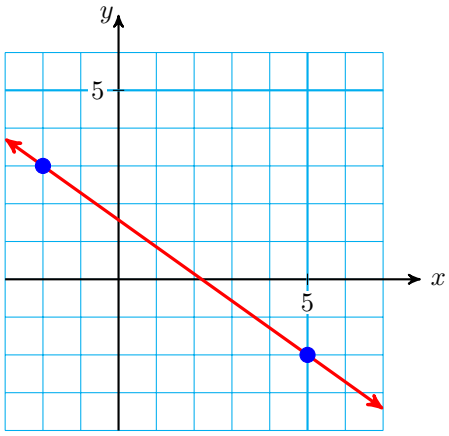
hp-4-5-3ans



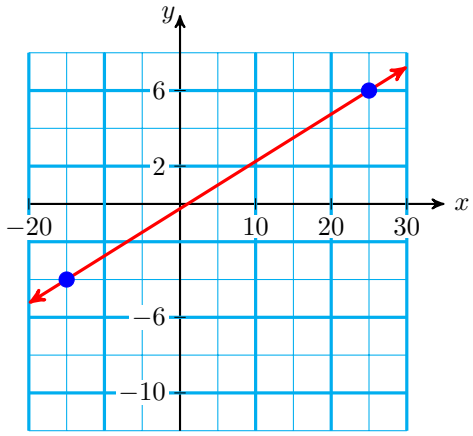
hp-4-5-5ans



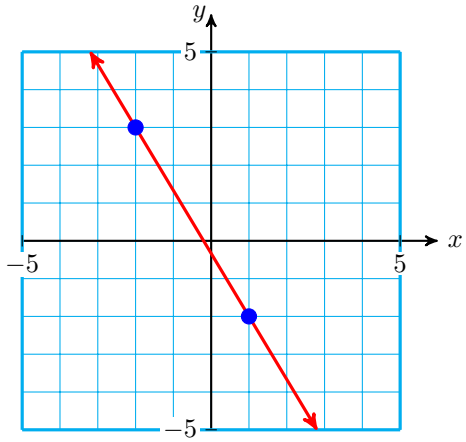
hp-4-5-13



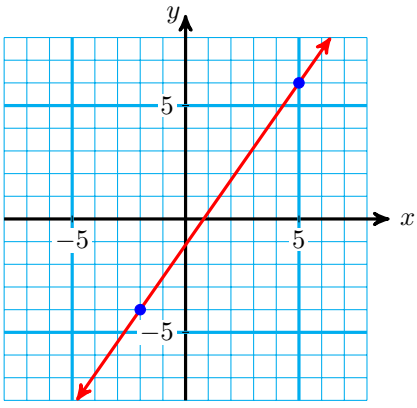
hp-4-5-14



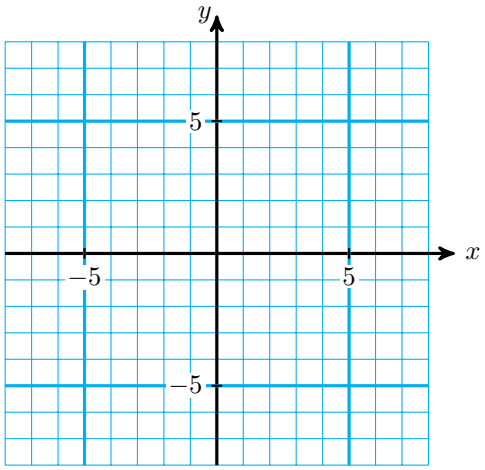
hp-4-5-15



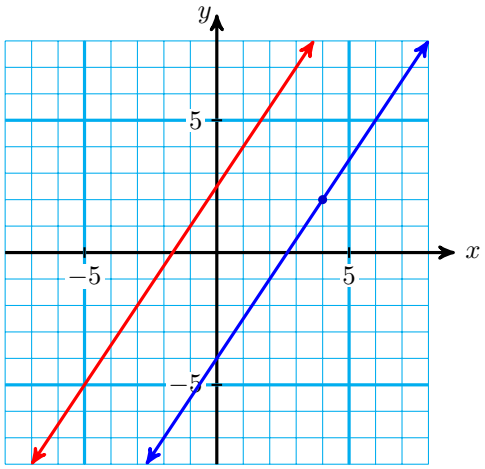
hp-4-5-16



hp-4-5-17 8 by 8 grid

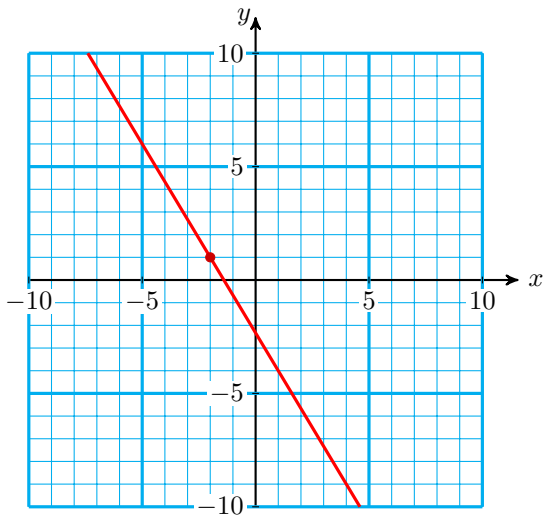


hp-4-5-17ans



6 Chap 4 review

cr4-43ans



7 Other stuff

10 by 10 grid: hp-2-3-12
8 by 8 grid: hp-4-5-17