Writing Linear Equations

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Find the equation of the line passing through the given points.

1) $(8, 1)(9, 1)$

2) $(5, 6)(6, 3)$

3) $(7, 1)(8, 5)$

4) $(6, 7)(7, -6)$

5) $(6, 4)(7, 0)$

6) $(9, 1)(10, 4)$

7) $(4, 8)(5, 0)$

8) $(2, 7)(3, -1)$

9) $(5, 3)(6, -2)$

10) $(8, 10)(9, -4)$

11) $(7, 8)(8, -1)$

12) $(7, 6)(8, -5)$

13) $(5, 2)(6, -1)$

14) $(10, 7)(11, -1)$

15) $(8, 9)(9, 1)$

16) $(1, 10)(2, -6)$

17) $(3, 4)(4, 1)$

18) $(7, 4)(8, -6)$

19) $(2, 4)(3, -3)$

20) $(10, 2)(11, 3)$

21) $(6, 6)(7, -4)$

22) $(3, 8)(4, 3)$

Answers of Writing Linear Equations

Find the equation of the line passing through the given points.

1) $(8,1)(9,1) \Rightarrow y = 0x + 1$

2) $(5,6)(6,3) \Rightarrow y = -3x + 21$

3) $(7,1)(8,5) \Rightarrow y = 4x - 27$

4) $(6,7)(7,-6) \Rightarrow y = -13x + 85$

5) $(6,4)(7,0) \Rightarrow y = -4x + 28$

6) $(9,1)(10,4) \Rightarrow y = 3x - 26$

7) $(4,8)(5,0) \Rightarrow y = -8x + 40$

8) $(2,7)(3,-1) \Rightarrow y = -8x + 23$

9) $(5,3)(6,-2) \Rightarrow y = -5x + 28$

10) $(8,10)(9,-4) \Rightarrow y = -14x + 122$

11) $(7,8)(8,-1) \Rightarrow y = -9x + 71$

12) $(7,6)(8,-5) \Rightarrow y = -11x + 83$

13) $(5,2)(6,-1) \Rightarrow y = -3x + 17$

14) $(10,7)(11,-1) \Rightarrow y = -8x + 87$

15) $(8,9)(9,1) \Rightarrow y = -8x + 73$

16) $(1,10)(2,-6) \Rightarrow y = -16x + 26$

17) $(3,4)(4,1) \Rightarrow y = -3x + 13$

18) $(7,4)(8,-6) \Rightarrow y = -10x + 74$

19) $(2,4)(3,-3) \Rightarrow y = -7x + 18$

20) $(10,2)(11,3) \Rightarrow y = x - 8$

21) $(6,6)(7,-4) \Rightarrow y = -10x + 66$

22) $(3,8)(4,3) \Rightarrow y = -5x + 23$