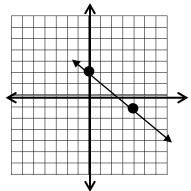
1)

В

E

 $m = -\frac{2}{3}, \quad m_{\perp} = \frac{3}{2}$



2)

 \boldsymbol{C}

C

x + 2y - 12 = 0

3)

4)

Е

D

 \boldsymbol{A}

Between 20.5 and 22.5 years

(21 years)

5)

 \boldsymbol{A}

 \boldsymbol{C}

The diameter of the water pipe is at least 38 cm, but less than 44 cm.

(40 cm)

6)

E

D

 $(g \circ f)(x) = \frac{5}{2x-1}$

7)

В

D

 $f^{-1}(x) = \frac{8}{x+2}$

8)

E

В

\$5747

9)

D

В

The percentage of men who agreed with the statement is approximately 27.5%.

10)

E

A

 $\ln\left(\frac{x^4}{v^2z^6\sqrt{3+x}}\right)$

11)

D

В

113,000

12)

D

E

The solution is at least 20. (27)

13)

C

 \boldsymbol{A}

y = -2

14)

 \boldsymbol{A}

 \boldsymbol{A}

Between 225 and 250 calories (246)

15)

A

C

(2,-3)