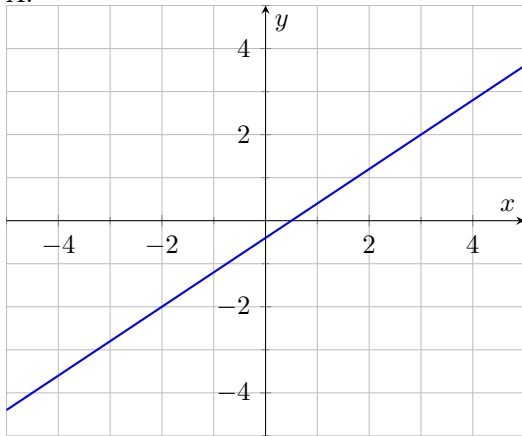
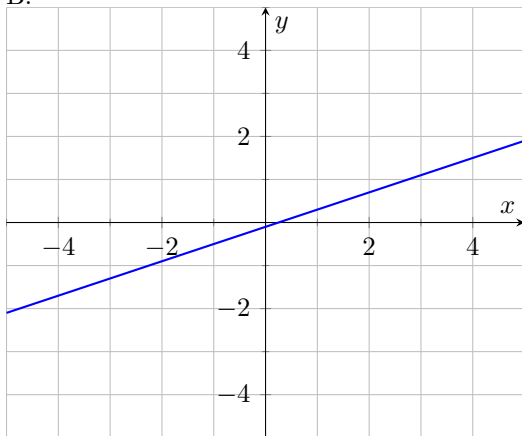


1. Find the x and y -intercept of the line $-4x - 5y = -2$ and use this information to plot a graph of this line.

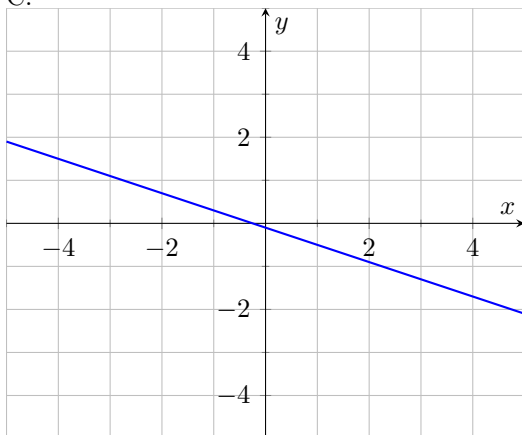
A.



B.

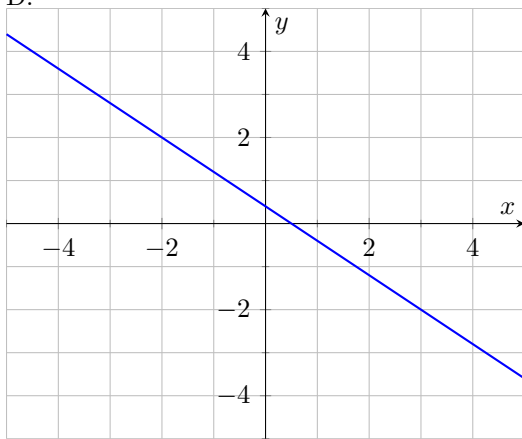


C.

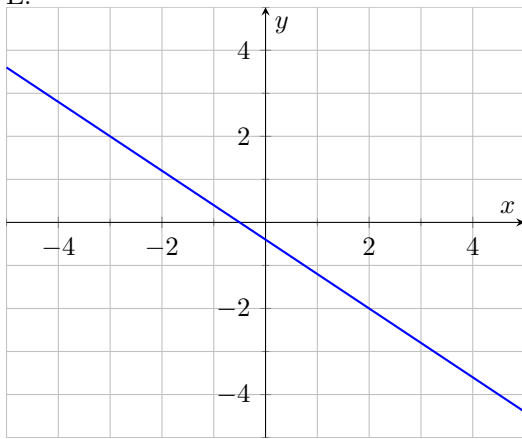


MORE OPTIONS ON NEXT PAGE...

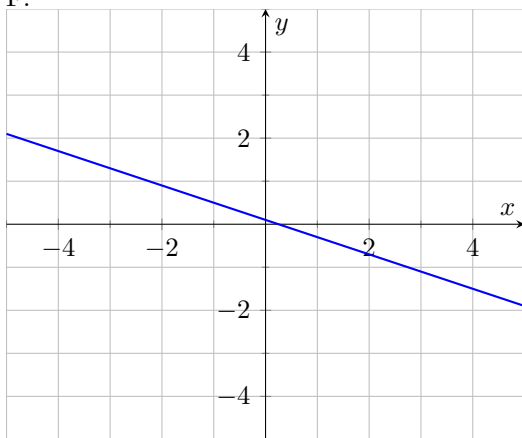
D.



E.



F.



2. $C = 2\pi r$ for the variable r (circumference of a circle)

A. $r = 2\pi C$

B. $r = C - 2 - \pi$

C. $r = \frac{2\pi}{C}$

D. $r = \frac{C}{2} - \pi$

E. $r = \frac{2C}{\pi}$

F. $r = 2\pi - C$

G. $r = \frac{C-2}{\pi}$

H. $r = \frac{C}{2\pi}$

3. Solve $0.2x + 0.4y = 0.5$ for y .

A. $y = 0.5x + 1.25$

B. $y = 0.25x + 2.5$

C. $y = -0.25x + 2.5$

D. $y = -0.5x - 1.25$

E. $y = -0.5x + 1.25$

F. $y = 0.25x - 2.5$

G. $y = -0.25x - 2.5$

H. $y = 0.5x - 1.25$

4. Solve $S = 2\pi r + 2\pi r h$ for the variable h (surface area of a cylinder)

A. $h = \frac{S+\pi r}{\pi r}$

B. $h = \frac{S-2\pi r}{2\pi r}$

C. $h = \frac{S-\pi r}{\pi r}$

D. $h = S - 8\pi r$

E. $h = S - 4 - 2\pi - 2r$

F. $h = S - 4\pi r$

G. $h = \frac{S+2\pi r}{2\pi r}$

H. $h = \frac{S}{2\pi r} - 2\pi$

5. Solve $V = \frac{1}{3}\pi r^2 h$ for the variable h (volume of a cone)

A. $h = \frac{\pi r^2}{3V}$

B. $h = 3V\pi - r^2$

C. $h = \frac{3V}{\pi r^2}$

D. $h = 3V - \pi r^2$

E. $h = \frac{1}{3}V - \pi r^2$

F. $h = \frac{3\pi r^2}{V}$

G. $h = \frac{1}{3} - V - \pi r^2$

H. $h = \frac{V}{3\pi r^2}$

6. Solve $P_1V_1 = P_2V_2$ for the variable P_2 (Boyles law in chemistry)

A. $V_1 = \frac{V_2T_1}{P_2}$

B. $V_1 = V_2P_1 - P_2$

C. $V_1 = \frac{V_1}{P_1} - V_2$

D. $V_1 = V_2 - P_1 - P_2$

E. $V_1 = \frac{P_1}{V_2} - V_2$

F. $V_1 = P_2 - P_1 - V_2$

G. $P_2 = \frac{P_1V_1}{V_2}$

H. $V_1 = P_1V_2 - V_2$

7. Solve $Ax + By = C$ for the variable y

A. $y = \frac{C+Ax}{B}$

B. $y = C - A - x - B$

C. $y = C - Ax - B$

D. $y = \frac{C-A-x}{B}$

E. $y = \frac{C-Ax}{B}$

F. $y = \frac{C}{B} - Ax$

G. $y = \frac{C}{ABx}$

H. $y = \frac{CB}{Ax}$

8. Solve $V - E + F = 2$ for the variable E (Eulers theorem)

A. $E = V + F - 2$

B. $E = V + F + 2$

C. $E = -\frac{2}{V+F}$

D. $E = V - F + 2$

E. $E = V - F - 2$

F. $E = \frac{2}{V+F}$

G. $E = \frac{2}{VF}$

H. $E = -\frac{2}{VF}$