

Find the slope for the given rise and run.

1. rise: 6, run: -3

2. rise: 5, run: 5

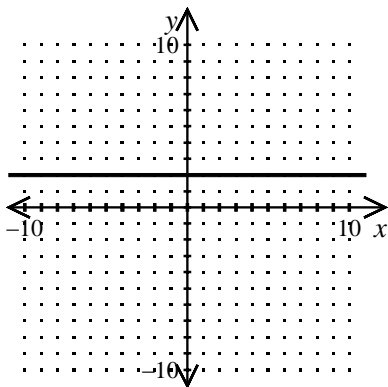
3. rise: 3, run: 3

4. rise: -6, run: 9

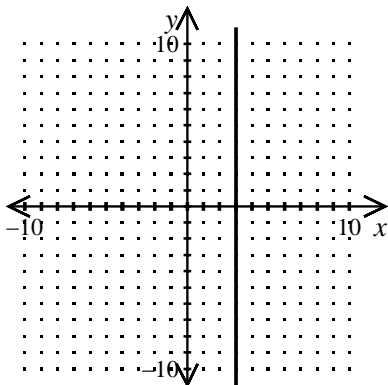
5. rise: -2, run: -2

Find the slope of the line.

6.

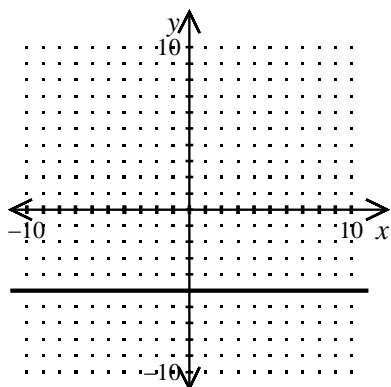


7.

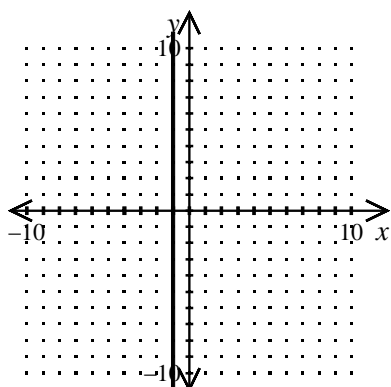


Find the slope of the line.

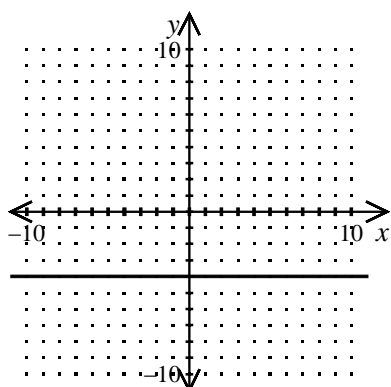
8.



9.



10.



Find the slope of the line that contains the given pair of points.

11. (14, 1) and (-7, 8) [A]  $-\frac{1}{3}$  [B]  $-\frac{13}{15}$  [C]  $-\frac{15}{13}$  [D] -3
12. (8, 6) and (-13, 4) [A]  $\frac{21}{2}$  [B]  $-\frac{2}{17}$  [C]  $\frac{2}{21}$  [D]  $-\frac{17}{2}$
13. (-10, 5) and (15, -14) [A]  $-\frac{15}{29}$  [B]  $-\frac{19}{25}$  [C]  $-\frac{29}{15}$  [D]  $-\frac{25}{19}$
14. (4, 11) and (12, -2) [A]  $-\frac{13}{8}$  [B] -2 [C]  $-\frac{1}{2}$  [D]  $-\frac{8}{13}$
15. (4, 10) and (6, -15) [A]  $-\frac{2}{7}$  [B]  $-\frac{2}{25}$  [C]  $-\frac{7}{2}$  [D]  $-\frac{25}{2}$
16. (15, -11) and (-12, -3) [A]  $-\frac{8}{27}$  [B]  $-\frac{27}{8}$  [C]  $-\frac{26}{9}$  [D]  $-\frac{9}{26}$
17. (-8, -1) and (-2, -4) [A]  $-\frac{7}{2}$  [B]  $-\frac{2}{7}$  [C]  $-\frac{1}{2}$  [D] -2
18. (3, 7) and (5, -13) [A]  $-\frac{1}{10}$  [B]  $-\frac{2}{9}$  [C] -10 [D]  $-\frac{9}{2}$
19. (-5, 6) and (2, 9) [A]  $\frac{7}{11}$  [B]  $\frac{11}{7}$  [C]  $\frac{3}{7}$  [D]  $\frac{7}{3}$
20. (12, 4) and (-14, -10) [A]  $\frac{7}{13}$  [B] -2 [C]  $\frac{13}{7}$  [D]  $-\frac{1}{2}$
21.  $b_a, b_g$  and  $b_c, d_g$  [A]  $\frac{a-c}{b-d}$  [B]  $\frac{a-c}{d-b}$  [C]  $\frac{d-b}{c-a}$  [D]  $\frac{b-d}{c-a}$
22.  $b_b, c_g$  and  $b_d, e_g$  [A]  $\frac{c-e}{d-b}$  [B]  $\frac{b-d}{e-c}$  [C]  $\frac{b-d}{c-e}$  [D]  $\frac{e-c}{d-b}$

Find the slope of the line that contains the given pair of points.

23.  $(c, d)$  and  $(e, f)$     [A]  $\frac{c-e}{f-d}$     [B]  $\frac{d-f}{e-c}$     [C]  $\frac{f-d}{e-c}$     [D]  $\frac{c-e}{d-f}$

24.  $(d, e)$  and  $(f, g)$     [A]  $\frac{d-f}{e-g}$     [B]  $\frac{g-e}{f-d}$     [C]  $\frac{d-f}{g-e}$     [D]  $\frac{e-g}{f-d}$

25.  $(e, f)$  and  $(g, h)$     [A]  $\frac{e-g}{h-f}$     [B]  $\frac{e-g}{f-h}$     [C]  $\frac{h-f}{g-e}$     [D]  $\frac{f-h}{g-e}$

26.  $(-4, 8)$  and  $(-5, 8)$

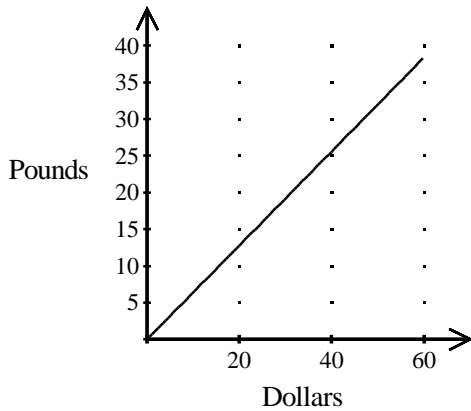
27.  $(-3, 7)$  and  $(-3, 5)$

28.  $(7, 3)$  and  $(7, -6)$

29.  $(-9, 2)$  and  $(3, 2)$

30.  $(1, -9)$  and  $(1, -9)$

31. The graph shows the number of pounds that can be bought for a number of dollars. Which is the exchange rate for the number of pounds per dollar?



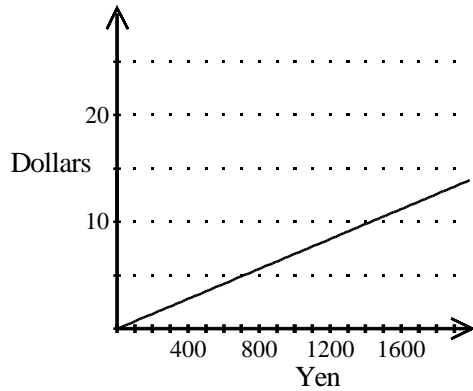
[A] 1.10

[B] 0.64

[C] 1.73

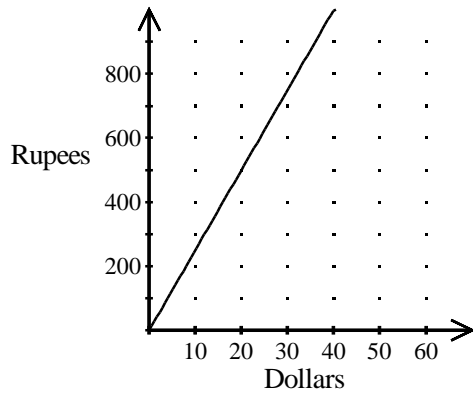
[D] 1.57

32. The graph shows the number of dollars that can be bought for a number of yen. Which is the exchange rate for the number of dollars per yen?



- [A] 71.43                      [B] 142.86                      [C] 0.01                      [D] 46.99

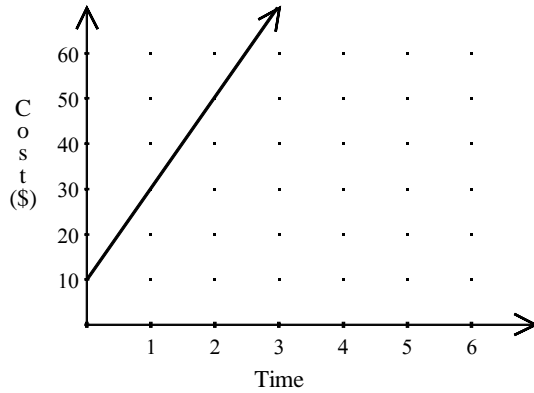
33. The graph shows the number of rupees that can be bought for a number of dollars. Which is the exchange rate for the number of rupees per dollar?



- [A] 0.04                      [B] 25.00                      [C] 41.00                      [D] 12.52

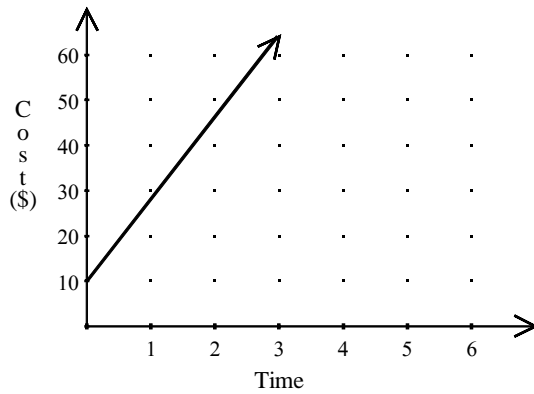


36. The graph for a stable that charges a \$10 flat fee plus an hourly rate is shown below. Which is the hourly rate charged?



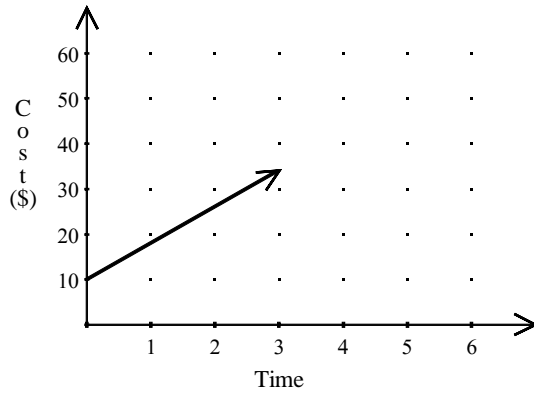
- [A] \$25 per hour      [B] \$20 per hour      [C] \$10 per hour      [D] \$15 per hour

37. The graph for a stable that charges a \$10 flat fee plus an hourly rate is shown below. Which is the hourly rate charged?



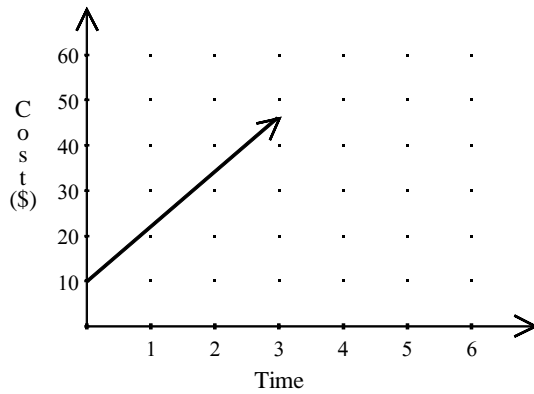
- [A] \$13 per hour      [B] \$18 per hour      [C] \$9 per hour      [D] \$23 per hour

38. The graph for a stable that charges a \$10 flat fee plus an hourly rate is shown below. Which is the hourly rate charged?



- [A] \$3 per hour      [B] \$8 per hour      [C] \$4 per hour      [D] \$13 per hour

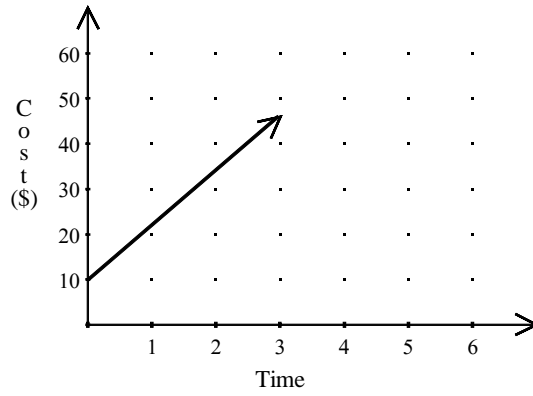
39. The graph for a stable that charges a \$10 flat fee plus an hourly rate is shown below. Which is the hourly rate charged?



- [A] \$7 per hour      [B] \$6 per hour      [C] \$17 per hour      [D] \$12 per hour



40. The graph for a stable that charges a \$10 flat fee plus an hourly rate is shown below. Which is the hourly rate charged?



- [A] \$12 per hour      [B] \$6 per hour      [C] \$7 per hour      [D] \$17 per hour