

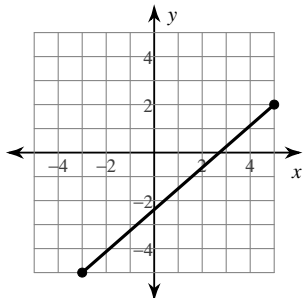
Exam Review Set B

Find the distance between each pair of points.

1) $(-4, 4), (-1, -3)$

3) $(8, 5), (4, 6)$

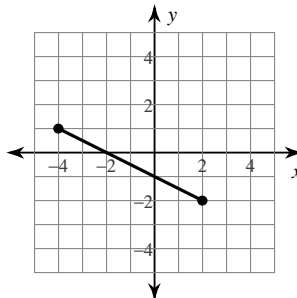
5)



2) $(-5, 5), (-7, 5)$

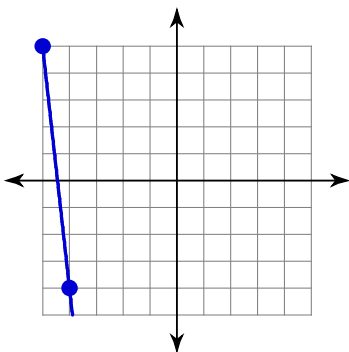
4) $(8, 4), (5, 1)$

6)

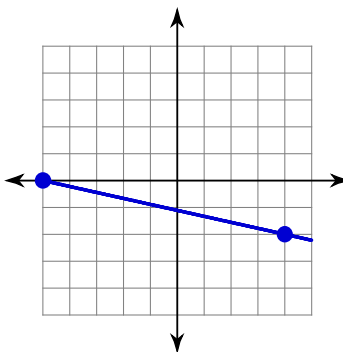


Find the slope of each line.

7)



8)



Find the slope of the line through each pair of points.

9) $(17, -13), (-14, 16)$

10) $(18, 5), (-18, 13)$

11) $(5, -7), (3, 3)$

12) $(12, 0), (12, -8)$

Find the slope of each line.

13) $10 + 2y = -9x$

14) $-5x - 2y + 6 = 0$

15) $20 - 6x = 5y$

16) $4x = 5 + y$

Find the midpoint of the line segment with the given endpoints.

17) $(0, -7), (-3, 10)$

18) $(-10, 9), (8, -10)$

19) $(9, -9), (-9, -4)$

20) $(3, 9), (3, -10)$

Write the slope-intercept form of the equation of each line.

21) $x - y = 8$

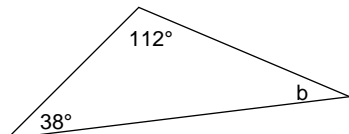
22) $2x + 3y = -24$

23) $3x - y = 17$

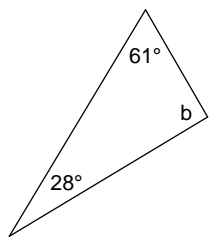
24) $7x - 5y = -5$

Find the measure of angle b.

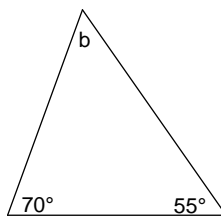
25)



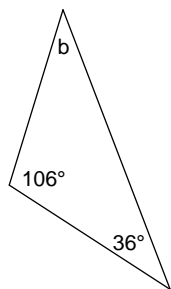
26)



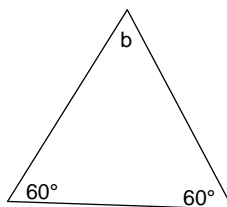
27)



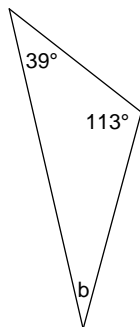
28)



29)

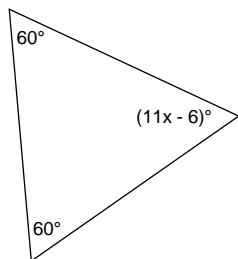


30)

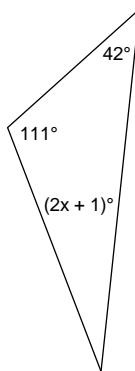


Find the value of x.

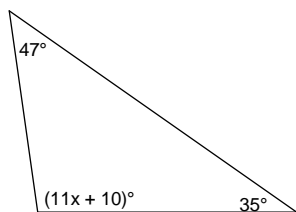
31)



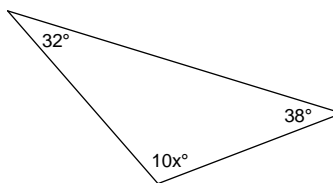
32)



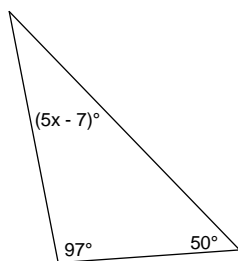
33)



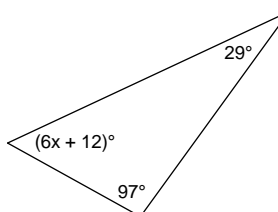
34)



35)



36)



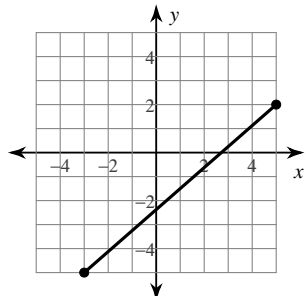
Exam Review Set B

Find the distance between each pair of points.

1) $(-4, 4), (-1, -3)$ $\sqrt{58}$

3) $(8, 5), (4, 6)$ $\sqrt{17}$

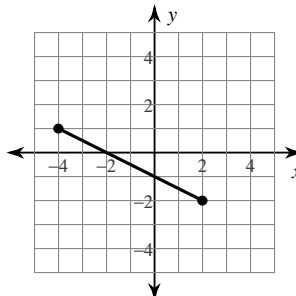
5) 10.63



2) $(-5, 5), (-7, 5)$ 2

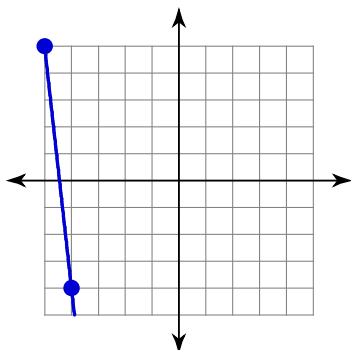
4) $(8, 4), (5, 1)$ $3\sqrt{2}$

6) 6.708

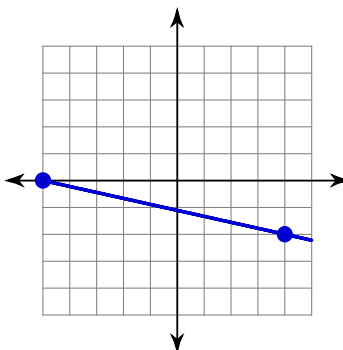


Find the slope of each line.

7) -9



8) $-\frac{2}{9}$



Find the slope of the line through each pair of points.

9) $(17, -13), (-14, 16)$ $-\frac{29}{31}$

10) $(18, 5), (-18, 13)$ $-\frac{2}{9}$

11) $(5, -7), (3, 3)$ -5

12) $(12, 0), (12, -8)$ **Undefined**

Find the slope of each line.

13) $10 + 2y = -9x$ $-\frac{9}{2}$

14) $-5x - 2y + 6 = 0$ $-\frac{5}{2}$

15) $20 - 6x = 5y$ $-\frac{6}{5}$

16) $4x = 5 + y$ 4

Find the midpoint of the line segment with the given endpoints.

17) $(0, -7), (-3, 10)$ $(-\frac{3}{2}, \frac{1}{2})$

18) $(-10, 9), (8, -10)$ $(-\frac{1}{2}, -\frac{1}{2})$

19) $(9, -9), (-9, -4)$ $(0, -\frac{11}{2})$

20) $(3, 9), (3, -10)$ $(3, -\frac{1}{2})$

Write the slope-intercept form of the equation of each line.

21) $x - y = 8$ $y = x - 8$

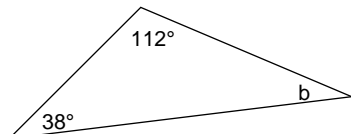
22) $2x + 3y = -24$ $y = -\frac{2}{3}x - 8$

23) $3x - y = 17$ $y = 3x - 17$

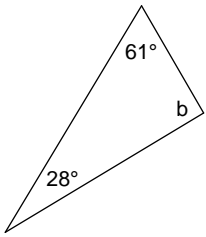
24) $7x - 5y = -5$ $y = \frac{7}{5}x + 1$

Find the measure of angle b.

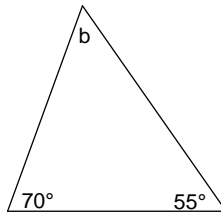
25) 30°



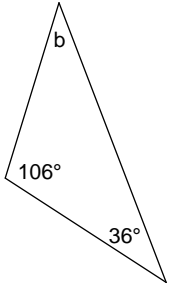
26) 91°



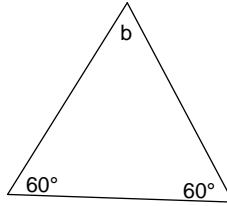
27) 55°



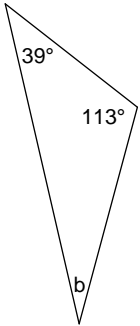
28) 38°



29) 60°

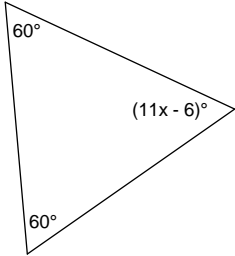


30) 28°

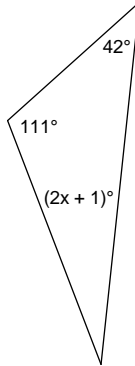


Find the value of x.

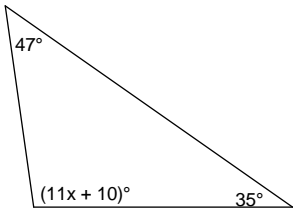
31) 6



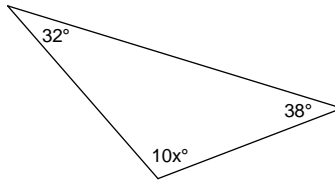
32) 13



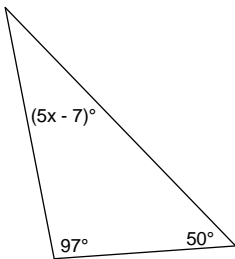
33) 8



34) 11



35) 8



36) 7

