Which equation represents a line that is parallel to the line whose equation is y = -3x - 7?

A. y = 3x + 4

B. y = -3x + 7

C. y = (1/3x) + 1

D. y = (-1/3x) + 2

Which equation represents a line that is perpendicular to the line whose equation is y = 4x + 12?

A. y = 4x + 4

B. y = -4x + 7

C. y = (-1/4x) + 1

D. y = (1/4x) + 9

What is the equation of a line that is parallel to the line that goes through the points (2,0) and (-2, -8)?

A. y = 2x + 6

B. y = (1/2x) + 8

C. y = (-1/2x) + 7

D. y = (1/4x) - 2

What is the equation of a line that is perpendicular to the line that goes through the points (0, -3) and (-3, 12)?

A. y = 15x + 2

B. y = (-1/15x) - 8

C. y = -9x - 7

D. y = (1/5x) - 3

What is the equation of a line that is parallel to the line that is given by the equation x = -4?

A. y = x - 4

B. x = (-y/4)

C. y = (1/4x)

D. x = (-1/4)

What is the equation of a line that is perpendicular to the line that is given by the equation y = 2?

A. y = 2

B. x = 2

C. y = -1/2x

D. x = y - 2

What is the equation of a line that goes through the point (4, 2) and is parallel to the line given by the equation y = 2x + 6?

A. y = 4x - 6

B. y = -2x + 6

C. y = 2x - 6

D. y = -2x - 6

What is the equation of a line that goes through the point (3, 12) and is perpendicular to the line given by the equation y = -1/3x - 7?

A. y = -3x - 12

B. y = -1/3x + 6

C. y = 3x + 3

D. y = (1/3x) - 6

Which equation represents the line that passes through the point (3,4) and is parallel to the x-axis?

A. x = 4

B. x = 3

C. y = 4

D. y = 3

Which equation represents the line that passes through the point (7, -12) and is perpendicular to the y-axis?

A. y = 7

B. y = -12

C. x = 7

D. x = -12