2-7 Curve Fitting with Linear Models

Warm Up

Write the equation of the line passing through each pair of points in slope-intercept form.

1. $(5, -1)$, $(0, -3)$

2. $(8, 5)$, $(-8, 7)$

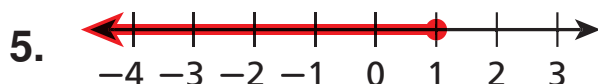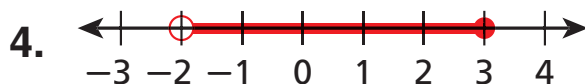**Use the equation $y = -0.2x + 4$. Find x for each given value of y.**

3. $y = 7$

4. $y = 3.5$

2-8 Solving Absolute-Value Equations and Inequalities

Warm Up

Solve.

1. $y + 7 < -11$

2. $4m \geq -12$

3. $5 - 2x \leq 17$

Use interval notation to indicate the graphed numbers.

4.

5.

Holt Algebra 2

2-7 Curve Fitting with Linear Models

Warm Up

Write the equation of the line passing through each pair of points in slope-intercept form.

1. $(5, -1), (0, -3)$ $y = \dfrac{2}{5}x - 3$

2. $(8, 5), (-8, 7)$ $y = -\dfrac{1}{8}x - 6$

Use the equation $y = -0.2x + 4$. Find x for each given value of y.

3. $y = 7$ $x = -15$

4. $y = 3.5$ $x = 2.5$

2-8 Solving Absolute-Value Equations and Inequalities

Warm Up

Solve.

1. $y + 7 < -11$ $y < -18$

2. $4m \geq -12$ $m \geq -3$

3. $5 - 2x \leq 17$ $x \geq -6$

Use interval notation to indicate the graphed numbers.

4.

$(-2, 3]$

5.

$(-\infty, 1]$

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