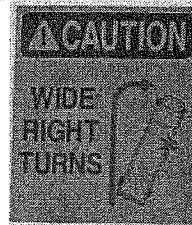


Congruence, Construction, and Proof | 6.2

Ready, Set, Go!



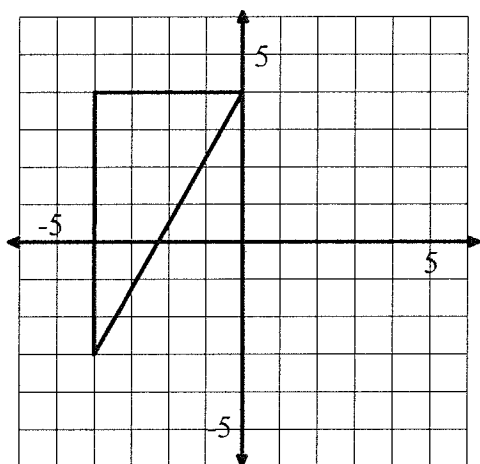
©2012 www.flickr.com/photos/iuggernautco/

Ready

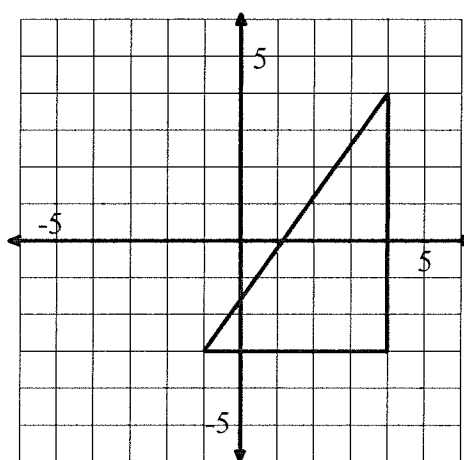
Topic: Finding Distance using Pythagorean Theorem

Use the coordinate grid to find the length of each side of the triangles provided.

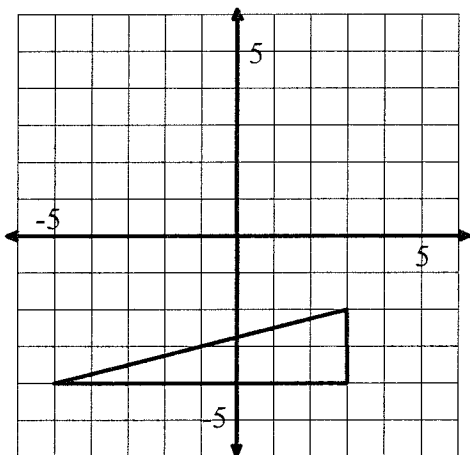
1.



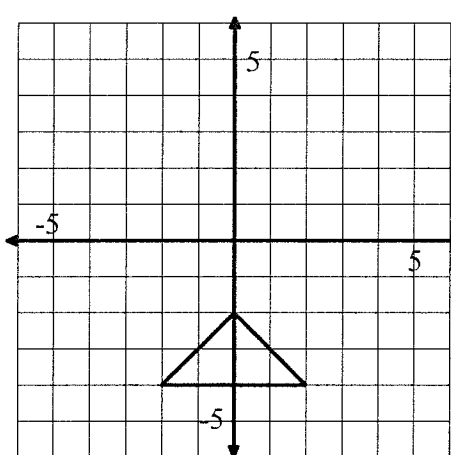
2.



3.



4.



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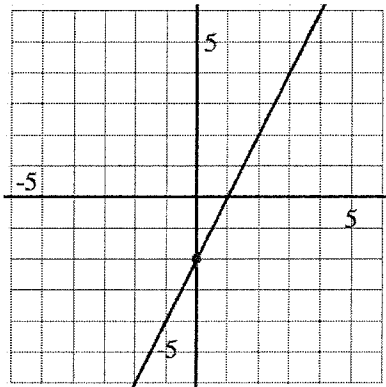
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Congruence, Construction, and Proof | 6.2

Set

Topic: Slopes of parallel and perpendicular lines.

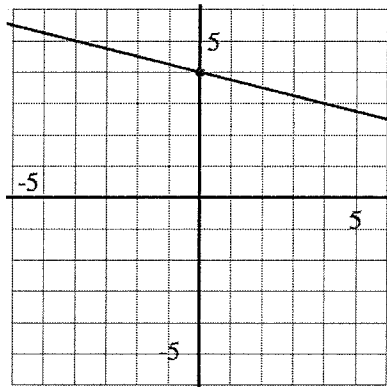
5. Graph a line *parallel* to the given line.



Equation for given line:

Equation for new line:

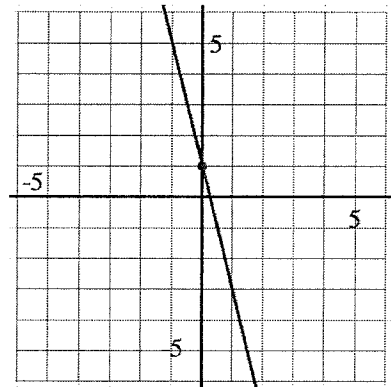
6. Graph a line *parallel* to the given line.



Equation for given line:

Equation for new line:

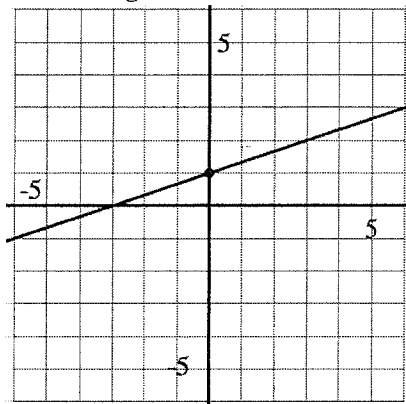
7. Graph a line *parallel* to the given line.



Equation for given line:

Equation for new line:

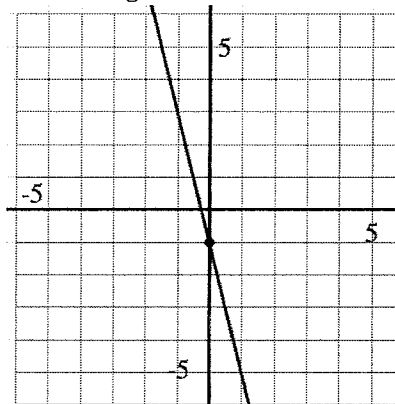
8. Graph a line *perpendicular* to the given line.



Equation for given line:

Equation for new line:

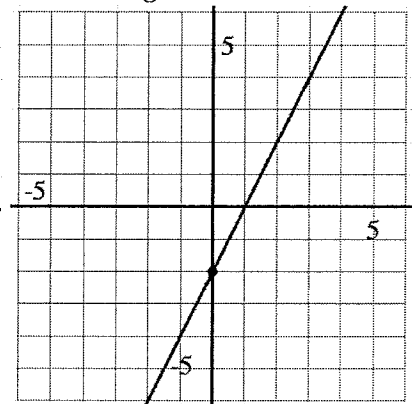
9. Graph a line *perpendicular* to the given line.



Equation for given line:

Equation for new line:

10. Graph a line *perpendicular* to the given line.



Equation for given line:

Equation for new line:

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Congruence, Construction, and Proof | 6.2

Go

Topic: Solve the following equations.

Solve each equation for the indicated variable.

11. $3(x - 2) = 5x + 8$; Solve for x .

12. $-3 + n = 6n + 22$; Solve for n .

13. $y - 5 = m(x - 2)$; Solve for x .

14. $Ax + By = C$; Solve for y .