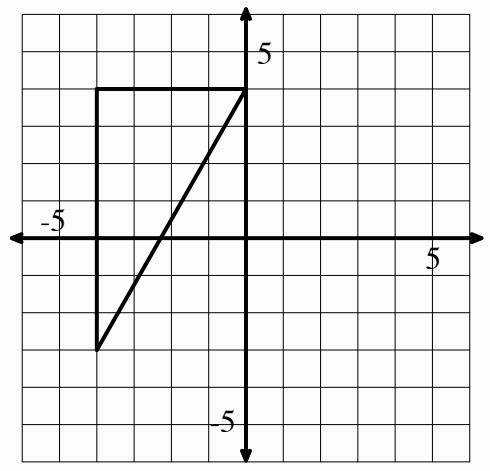
Ready, Set, Go!

Ready

Topic: Finding Distance using Pythagorean Theorem

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

1.



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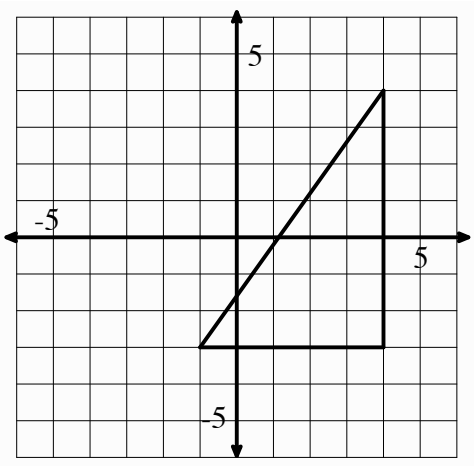

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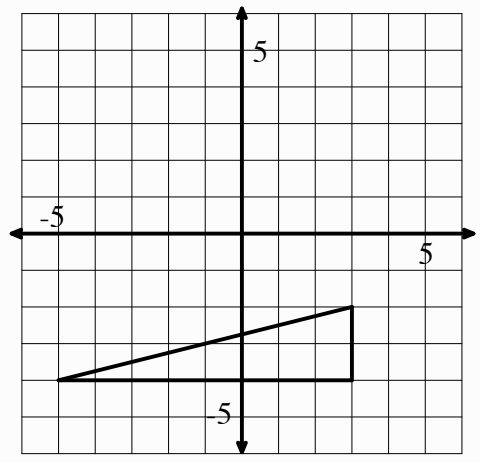

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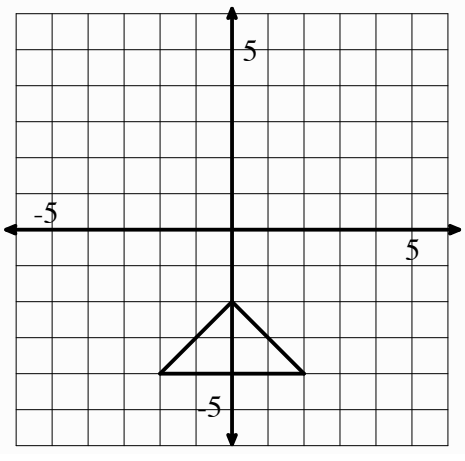
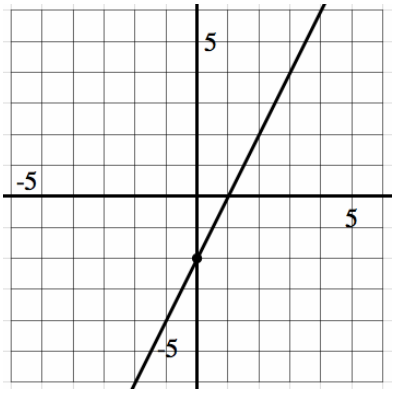


Set

Topic: Slopes of parallel and perpendicular lines.

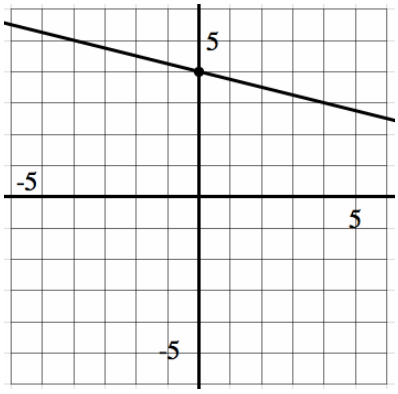
5. Graph a line *parallel* to the given line.



Equation for given line:

Equation for new line:

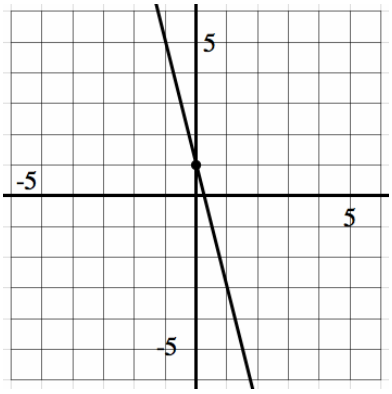
6. Graph a line *parallel* to the given line.



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:

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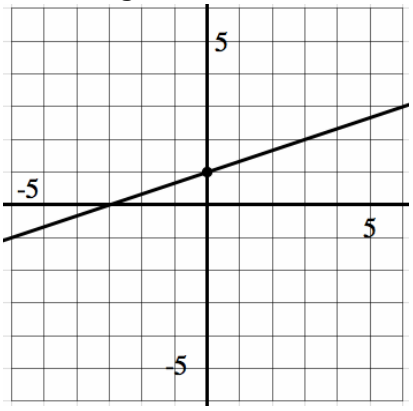
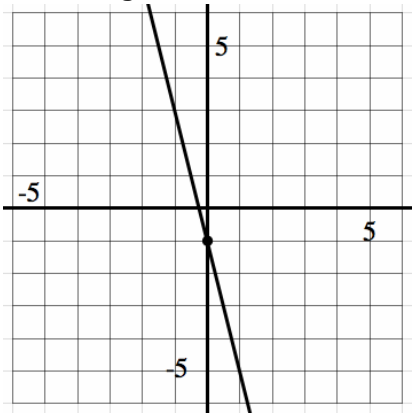
8. Graph a line *perpendicular* to the given line.



Equation for given line:

Equation for new line:

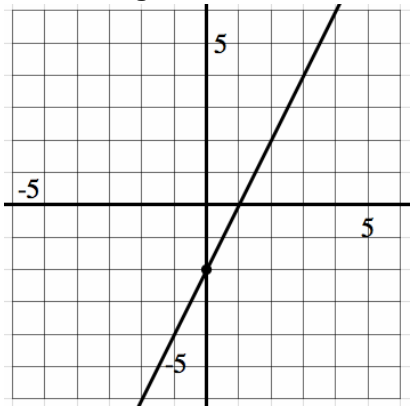
9. Graph a line *perpendicular* to the given line.



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:

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.