

READY, SET, GO!

Name

Period

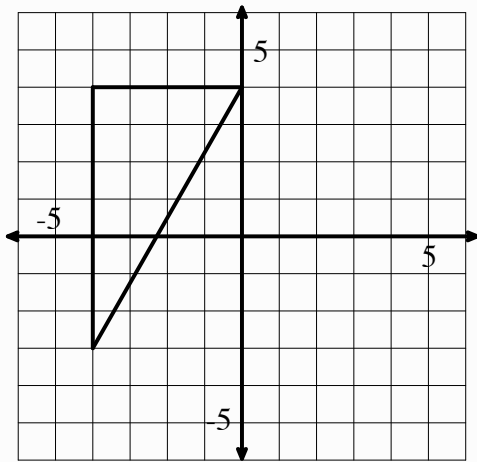
Date

**READY**

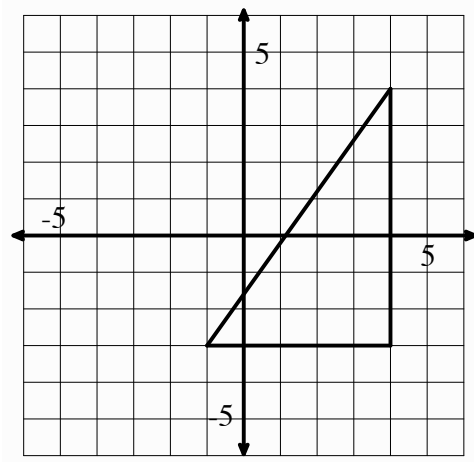
Topic: Finding Distance using Pythagorean Theorem

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

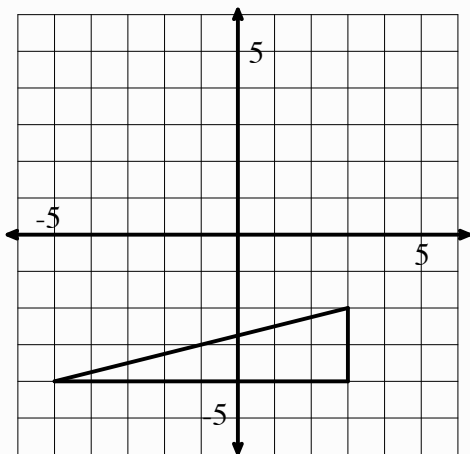
1.



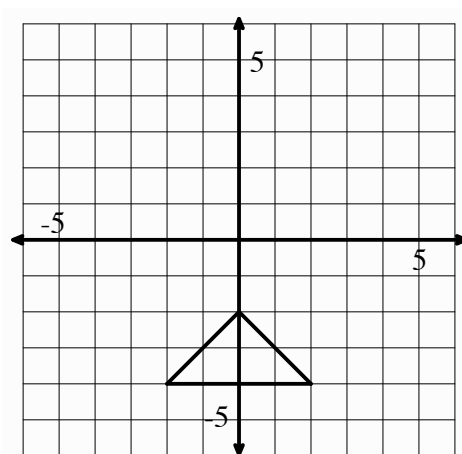
2.



3.



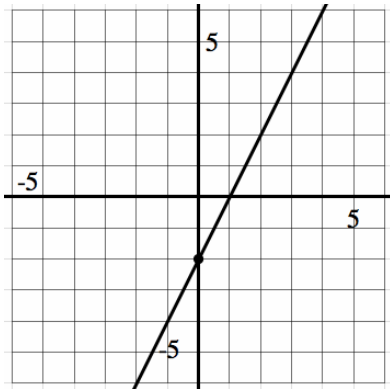
4.



**SET**

Topic: Slopes of parallel and perpendicular lines.

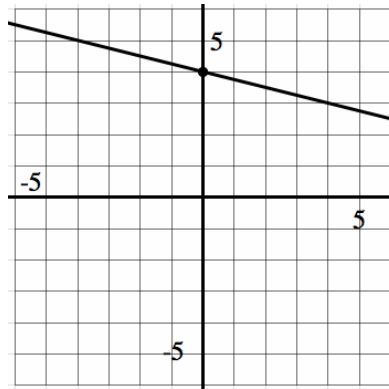
5. Graph a line *parallel* to the given line.



Equation for given line:

Equation for new line:

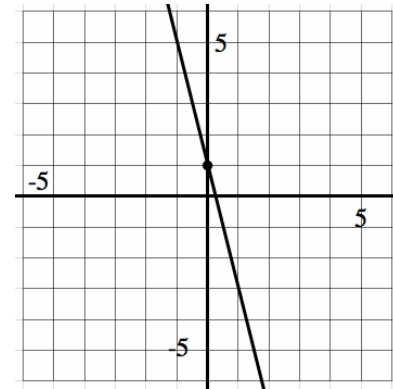
6. Graph a line *parallel* to the given line.



Equation for given line:

Equation for new line:

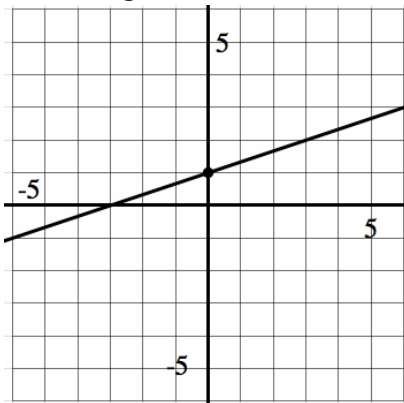
7. Graph a line *parallel* to the given line.



Equation for given line:

Equation for new line:

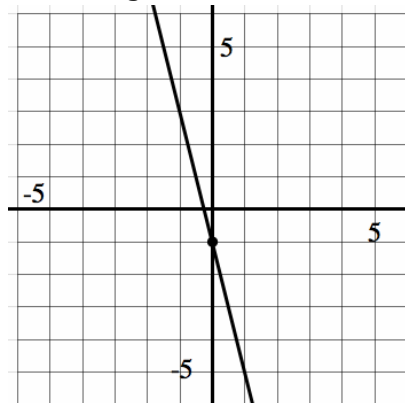
8. Graph a line *perpendicular* to the given line.



Equation for given line:

Equation for new line:

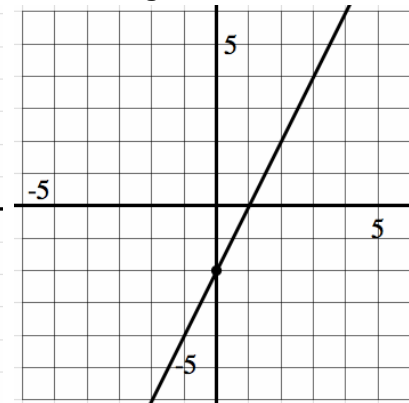
9. Graph a line *perpendicular* to the given line.



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:

**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  $y$ .