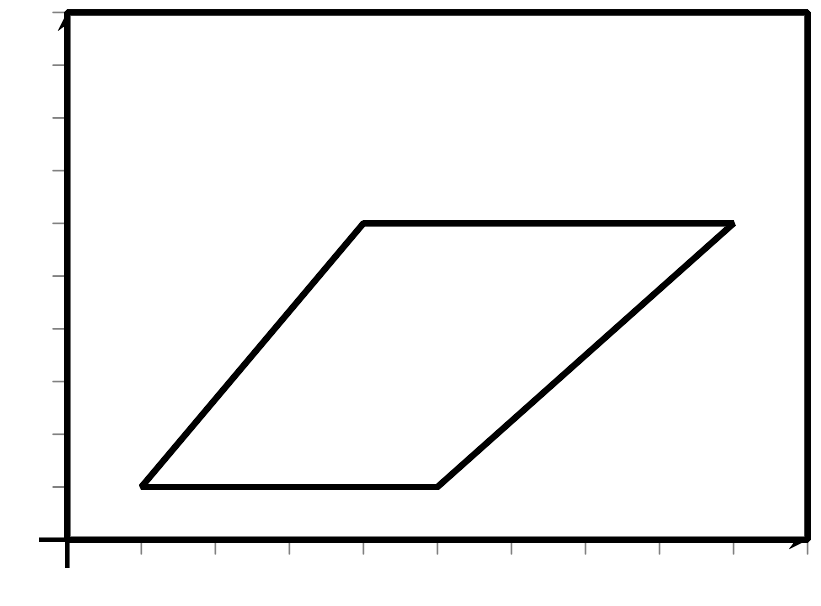
### Lesson 10 Practice Problems

1. Select **all** equations that are parallel to the line .
2. Prove that  is not a parallelogram.

* 

1. Write an equation of a line that passes through and is parallel to a line with -intercept and -intercept .
2. Write an equation of the line with slope that goes through the point .

* (From Unit 6, Lesson 9.)

1. Priya and Han each wrote an equation of a line with slope that passes through the point . Priya’s equation is and Han’s equation is . Do you agree with either of them? Explain or show your reasoning.

* (From Unit 6, Lesson 9.)

1. Match each equation with another equation whose graph is the same parabola.

* (From Unit 6, Lesson 8.)

1. A parabola is defined as the set of points the same distance from and the line . Select the point that is on this parabola.

* (From Unit 6, Lesson 7.)

1. Here are some transformation rules. For each rule, describe whether the transformation is a rigid motion, a dilation, or neither.

* (From Unit 6, Lesson 2.)



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