

What's my line?

Student Worksheet

7 8 9 10 11 12



TI-Nspire



Investigation



Student



90 min

Introduction

The classroom activity is a 'whole class' guessing game, where a random line is drawn on the Cartesian plane by the calculator, and you must write down the associated linear function rule. Record your answers to each game in the spaces provided.

Game 1

1. $y = \square x + \square$

2. $y = \square x + \square$

3. $y = \square x + \square$

4. $y = \square x + \square$

5. $y = \square x + \square$

Game 2

1. $y = \square x + \square$

2. $y = \square x + \square$

3. $y = \square x + \square$

4. $y = \square x + \square$

5. $y = \square x + \square$

Game 3

1. $y = \square x + \square$

2. $y = \square x + \square$

3. $y = \square x + \square$

4. $y = \square x + \square$

5. $y = \square x + \square$

Game 4

1. $y = \square x + \square$

2. $y = \square x + \square$

3. $y = \square x + \square$

4. $y = \square x + \square$

5. $y = \square x + \square$

Game 5

1. $y = \square x + \square$

2. $y = \square x + \square$

3. $y = \square x + \square$

4. $y = \square x + \square$

5. $y = \square x + \square$

Game 6

1. $y = \square x + \square$

2. $y = \square x + \square$

3. $y = \square x + \square$

4. $y = \square x + \square$

5. $y = \square x + \square$