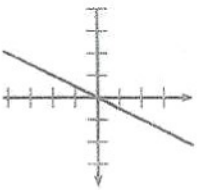
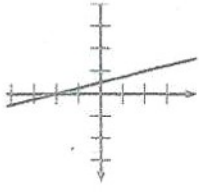
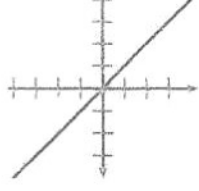
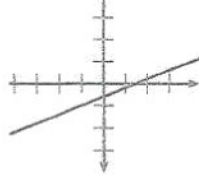
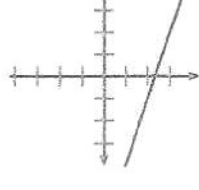
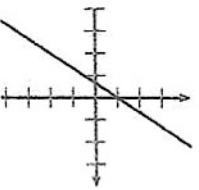
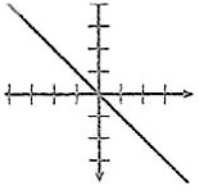
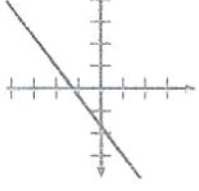
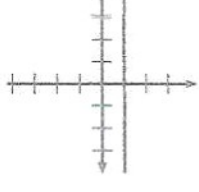
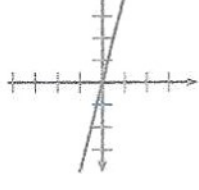
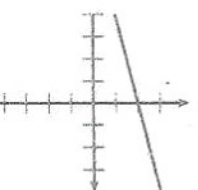
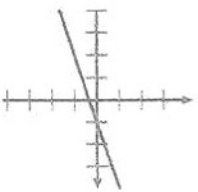
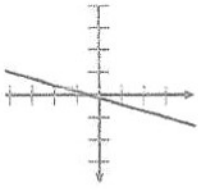
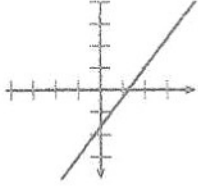
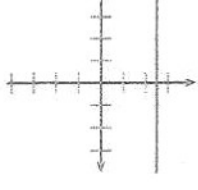
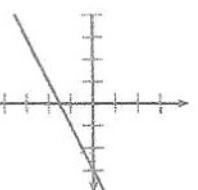
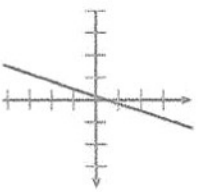
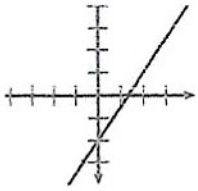
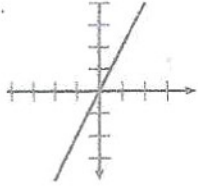
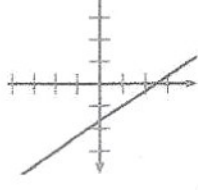
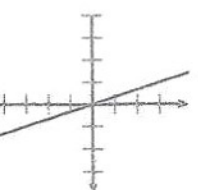
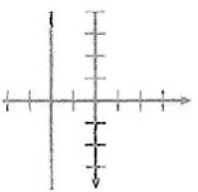
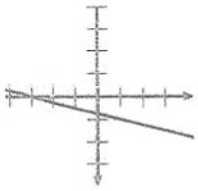
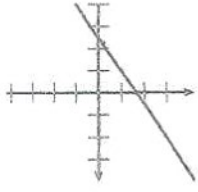
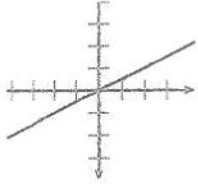


$d_1$	
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$d_{24}$	
$d_{25}$	

Questions : 1 2 3 4 5 6

## PLAYING WITH LINE EQUATIONS - Who is it? - Rules

This game is similar to the famous "Who is it?" game, but with lines instead of faces. It is played by two players, each player having a board showing 25 lines graphed in coordinate systems.

The same lines are cut out and put in a box.

- Each player picks a line that the other player will have to guess.
- In turn, each player asks a question to the other player who answers only with yes or no.
- Each player can ask only 6 questions.
- The first player to guess the other's line wins.
- If none of the players guesses the line after 6 questions, the game ends in a draw.

### Some examples of possible questions

- Is the line increasing (decreasing)?/ OR - Is the slope positive (negative)?

$$(\text{Slope (US) or gradient (UK)} = \frac{\text{rise}}{\text{run}})$$

- Is the line passing through the origin?
- Is the line parallel to the  $x$ -axis?
- Is the slope greater than 1?
- Is the intercept positive (negative)?
- Is the intercept an integer?
- Is the intercept an even (odd) number?
- Is the line crossing the  $x$ -axis at a positive (negative) value of  $x$ ?/ OR Does the line cross the  $x$ -axis at a positive (negative) value of  $x$ ?

*ordonnée à l'origine (intercept)*