

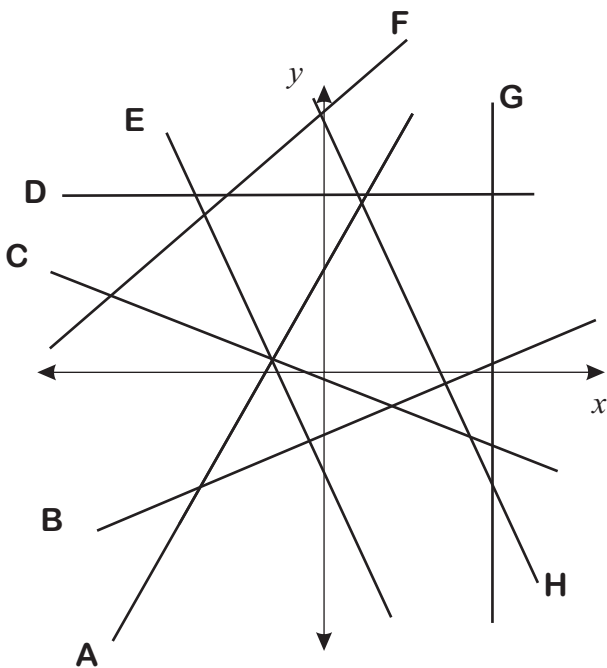
Name: _____

1. On the graph below several lines are drawn.
(a) Which of the lines have a **positive gradient**?

- (b) Which of the lines have a **negative gradient**?

- (c) Which of the lines has a **zero gradient**?

- (d) Which of the lines have the **same gradient**?



2. On this graph draw two straight lines in **red** that have the same gradient as line **B**.

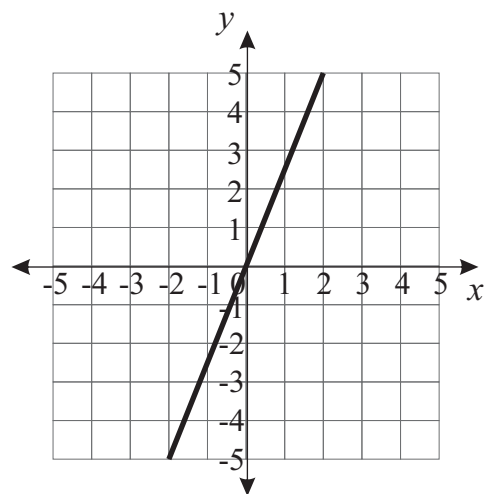
3. Rearrange the letters **ALL PEARL** to form a word that would complete this sentence.

Straight lines that have the same gradient are called _____.

4. One line is drawn on the graph below.

- (a) What is the gradient of this line?

- (b) On the graph draw another two lines such that they are both parallel to this line and one passes through the point $(-4, -3)$ and the other passes through the point $(4, 2)$.



5. On the graph below draw and label the following lines.

- (a) Line **A** passes through the point $(-3, -2)$ and has a gradient of 1.
(b) Line **B** passes through the point $(3, -3)$ and has a gradient of -1 .
(c) Line **C** passes through the point $(0, -4)$ and has a gradient of 2.
(d) Line **D** passes through the point $(-4, 4)$ and has a gradient of $-\frac{1}{2}$.

