1. Explain why the line $y = 5x + 2$ is steeper than the line $y = 2x + 2$.

2. Mark the important features of the line $y = \frac{2}{3}x - 1$ on the following diagram.

3. When finding the equation of a straight line passing through the points $(1, 7)$ and $(6, 5)$, what do you determine first, the slope or the $y$-intercept?

4. Fill in the blanks:

   - Parallel lines have the same ________.
   - The straight line passing through the points $(a, b)$ and $(c, d)$ has slope ________.
   - The straight line $y = 3x - 7$ is ________ to $y = -\frac{1}{3}x + 2$.
   - The straight lines $y = -\frac{4}{5}x + 1$ and $y = -\frac{4}{5}x - 10$ are ________.
   - A straight line which decreases from left to right is said to have a ________ gradient.
   - The gradient of the line perpendicular to $y = 4x + 8$ is ________.
   - A gradient of ________ tells us that for an increase of 2 units along the $x$-axis we have a decrease of 5 units along the $y$-axis.
   - Knowing that a straight line is parallel to $y = 3x - 8$ tells us that it also has a gradient of 3, but it tells us nothing about its ________.