|  |  |  |
| --- | --- | --- |
| **Green** | **Amber** | **Red** |
| Complete this table for the graph  Y = ½ x - 2   |  |  |  |  |  |  | | --- | --- | --- | --- | --- | --- | | X | 0 | 1 | 2 | 3 | 4 | | y |  |  |  |  |  | | Complete this table for the graph  y = 2x + 2   |  |  |  |  |  |  | | --- | --- | --- | --- | --- | --- | | X | 0 | 1 | 2 | 3 | 4 | | Y |  |  |  |  |  | | Complete this table for the graph  x + y = 3   |  |  |  |  |  |  | | --- | --- | --- | --- | --- | --- | | X | 0 | 1 | 2 | 3 | 4 | | y |  |  |  |  |  | |
| What is the y intercept for the line  y = 3x – 5 | What is the gradient for the line  y = 7 – 2x | What is the gradient for the line  y = 3x + 2 |
| Are the two lines parallel? Give a reason.  y = 2x - 4  y = -2x + 3 | Are the two lines parallel? Give a reason.  y = 3x - 4  y - 3x = 2 | Are the two lines parallel? Give a reason.  y = 2x - 5  y = 5x – 5 |
| What is the equation of this line? | What is the equation of this line? | What is the equation of this line? |
| Are the two lines parallel?  Give a reason  2y – 10x = 4  y – 2 = 5x | Do these lines have the same y intercept? Explain why.  y = 2x – 2  y + 3 = x | What is the gradient of the line joining  (-2, 7) and (4, -2) |
| Are the two lines perpendicular?  Give a reason  y = 2x - 4  y = -2x + 3 | Are the two lines perpendicular?  Give a reason  y = ½ x - 7  y = 7 - 2x | Are the two lines perpendicular?  Give a reason  y + ¼ x =7  y + 2 = 4x |