****Worksheet G: Same points, different answer

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| 1Work out the coordinates of themidpoint of AB.*y**B**A**x* | 2Find the length of the line AB.*y**B**A**x* |
| 3Work out the gradient of theline of AB.*y**B**x**A* | 4Work out the equation of the line passing through A and B.*y**A**x**B* |
| 5Work out the equation of the perpendicular bisector of AB.*y**B**A**x* | 6A and B are two vertices of an isosceles triangle. Write down four possibilities of a third vertex.*y**B**A**x* |