**Lesson Element – Always Sometimes Never (evaluating mathematical statements)**

Below are eight cards with mathematical statements on. Each statement is either always true, sometimes true, or never true.

Cut up the below into 8 individual cards and give them to students.

Can they identify whether each statement is always true, sometimes true or never true?

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| Max gets a pay rise of 30%. Jim gets a pay rise of 25%. So Max gets the bigger pay rise. | *x*2 + *y*2 = (*x* + *y*)2 |
| In a sale, every price was reduced by 25%. After the sale every price was increased by 25%. So prices went back to where they started. | A pentagon has fewer right angles than a rectangle. |
| To multiply by ten, you just add nought on the right-hand end of the number. | The square root of a number is less than the number. |
| When you cut a piece off a shape you reduce both its area and its perimeter. | It doesn’t matter which way round you divide, you get the same answer.  *a* ÷ *b* = *b* ÷ *a* |