

Algebraic Expressions

Match each English phrase or sentence with its algebraic translation.

- _____ 1. Five less than twice a number.
_____ 2. Five more than twice a number.
_____ 3. Five is less than twice a number.
_____ 4. Five more than twice a number is less than ten.
_____ 5. Five less than twice a number is greater than ten times the number.
_____ 6. Five less than twice times a number is less than the number.

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|------------------|-------------------|-------------------|--------------------|
| (a) $2n + 5$ | (b) $5 > 2n$ | (c) $5 < 2n$ | (d) $5 - 2n$ |
| (e) $2n - 5$ | (f) $2n + 5 > 10$ | (g) $2n + 5 - 10$ | (h) $2n - 5 > 10n$ |
| (i) $2n - 5 < n$ | (j) $2n + 5 < 10$ | (k) $2n - 5 > 10$ | (l) $2n - 5 < 10$ |
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Translate into words.

7. $>$ _____ 8. \neq _____
9. \leq _____ 10. \approx _____
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Translate into words as illustrated in the example.

example: $n + 4$ Four more than a number.

11. $x + 3$ _____
12. $w - 7$ _____
13. $5n$ _____
14. $5n + 1$ _____
15. $y < 8$ _____