

Year 10 Mathematics Learning Journey: Unit 16 - Manipulating Expressions

Step 5: Algebraic Proof

Why is one counterexample enough to disprove a statement but one example not enough to prove a statement?

Step 4: Represent numbers algebraically

Why must $10k$ be even?
What else can you deduce about $10k$?

Step 3: Equations and inequalities with fractions

What do we mean by "strict" inequality?

Step 2: Use identities

Give me three different expressions that are always identical in value to $6x - 8y$

Step 1 (R): Simplify expressions

How can you tell if two terms are like or unlike?

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