



9

# Solve Me!

Show your work and include the "therefore" statement

Create an expression and evaluate: the square of the sum of 7 and 5.

Solve the equation:  $5x - 26 = 12x - 7(x - 4)$

Simplify the expression:  $0.2a^2b^4 \times (-5a^3b)^2$

Prove that the difference between any double digit number and the number with the same two digits in the reverse order is evenly divisible by 9.

Answers  
1. 144  
2. no solutions  
3.  $5a^8b^6$   
4. answers may vary

