

Lesson 4

Algebra, Tame The Monster : Year 9

4.1 All Too Many Negative Signs

Here are three questions that are designed to 'catch you out'.

(i) $19x - 5 (3x + 4) = 10$

(ii) $3 (5x + 8) - 2 (4x - 3) = 34$

(iii) $5 - (2c + 3) = 14$

4.2 Exercise

(*How fast is your car ?*)

Solve,

(i) $4 (2x + 5) + 3 (2x + 3) = 99$

(ii) $5 (3x + 8) - 4x = 106$

(iii) $9 (2x - 10) - 3x = 75$

(iv) $4 (6x + 5) + 3 (2x + 3) = 89$

(v) $3 (2x + 7) + 5 (3x + 2) = 136$

(vi) $4 (2x + 3) - 3 (2x + 5) = 11$

(vii) $5 (4x + 3) + 2 (3x - 7) = 261$

(viii) $6 (5x - 2) + 3 (4x + 1) = 159$

(ix) $10 (3x + 2) - 7 (2x - 3) = 57$

(x) $5(3x - 5) - 2(2x - 3) = 47$

How fast is your car ?

