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

$$(\mathbf{v})$$
 3 $(2x+7)$ + 5 $(3x+2)$ = 136

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

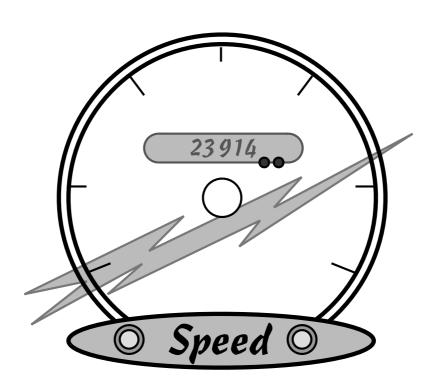
(vii)
$$5(4x+3) + 2(3x-7) = 261$$

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

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

$$(\mathbf{x})$$
 5 $(3x-5)$ - 2 $(2x-3)$ = 47

How fast is your car?



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