

11 (a) Expand and simplify $(x + 4)(x - 3)(x + 6)$

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(3)

Reggie has to solve the inequality $5 < 4x - 6 < 12$

Here is his working.

$$5 < 4x < 12 + 6$$

$$5 \div 4 < x < 18 \div 4$$

$$1.25 < x < 4.5$$

Reggie's working is wrong.

(b) Describe a mistake Reggie has made in his working.

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(1)