#05 SA Linear Inequalities

Total points   4/5   ?

Name

_____

Section *

[▼]

✓   A manufacturer has 800 litres of a 5% solution of acid. The quantity of a   3/3
     30% acid solution that must be added to it so that acid content in the
     resulting mixture will be more than 10% but less than 20% must be
     between *

○   120 litres and 150 litres

○   100 litres and 150 litres

⦿   200 litres and 1200 litres   ✓

✕   The solution set of the system of linear inequalities -(x - 5) < 0, -10 < -x is 0/1
    *

○   (5, 10)

○   (-∞, 5)

◉   the empty set Ø   ✕

Correct answer

◉   (5, 10)

✓   The solution set of the system of inequalities -12 < 4 - x < x is *   1/1

◉   (2, 16)   ✓

○   (-∞, 2)

○   the empty set Ø

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