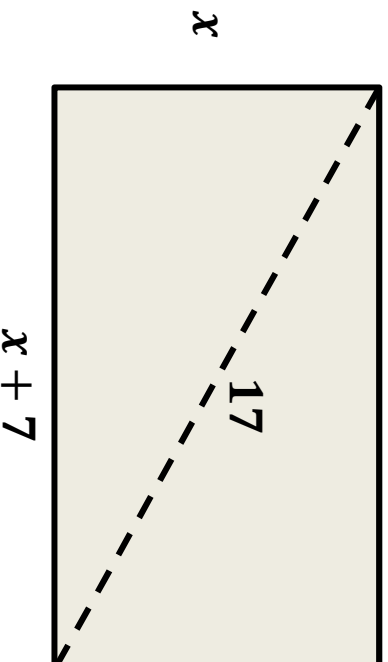


## Quaddthagoras!

The diagram shows a rectangle and one of its diagonals.

The dimensions given are in metres.

Find the value of  $x$ .



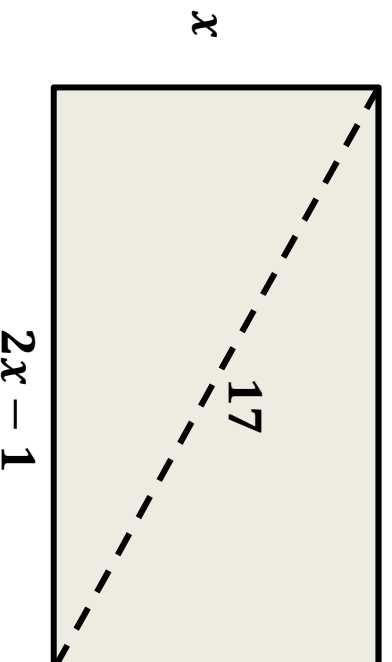
(not to scale)

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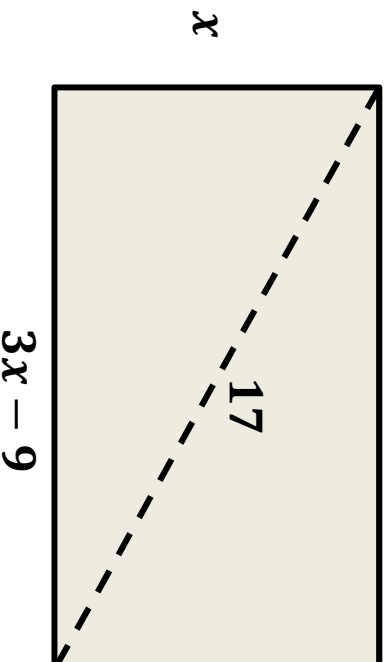
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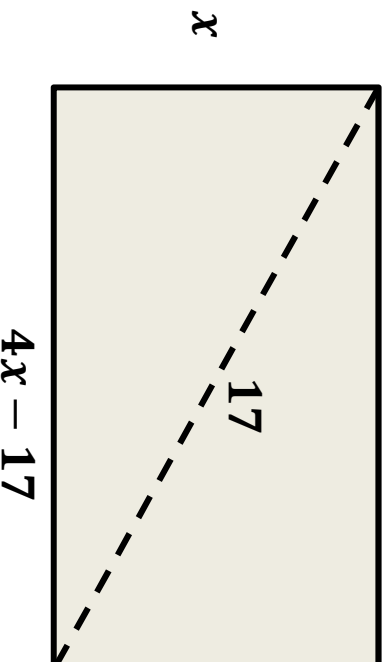
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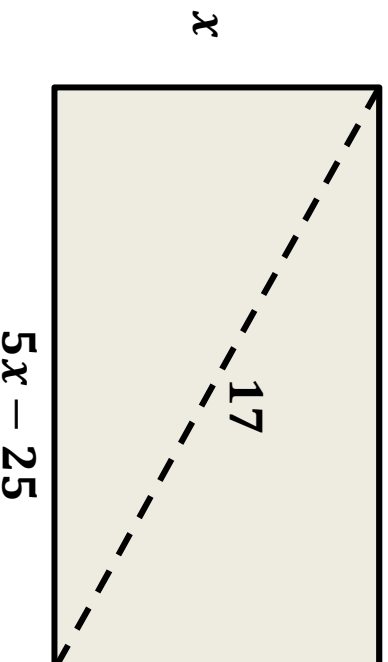
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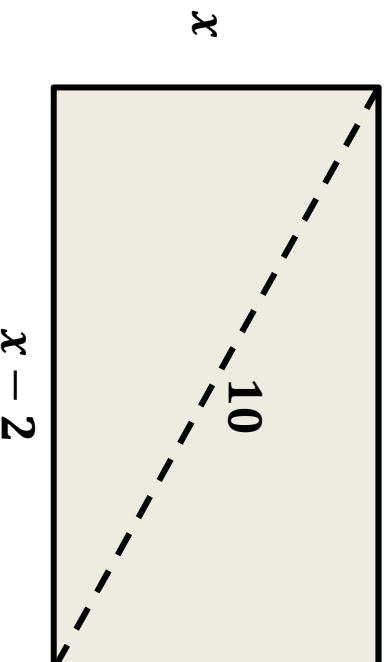
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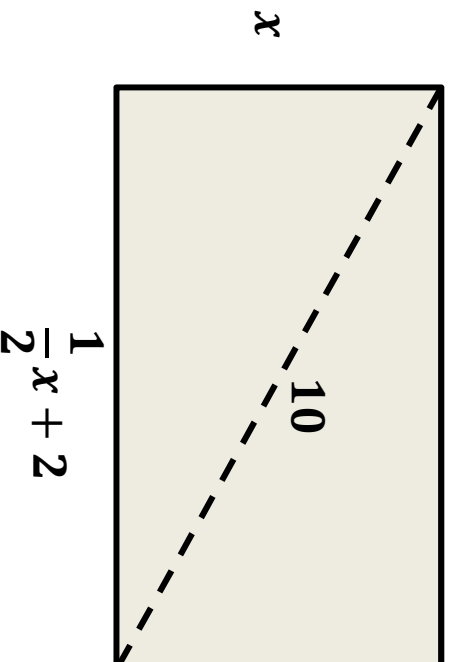
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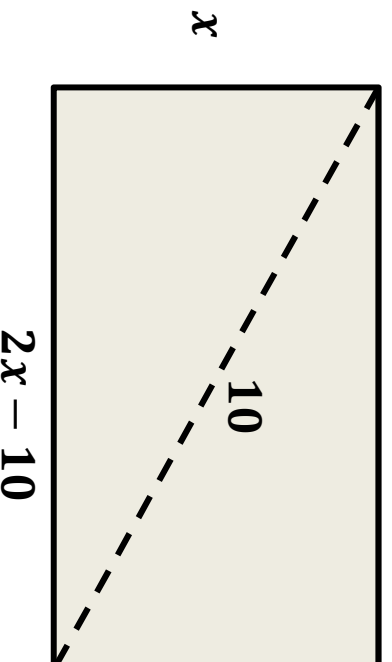
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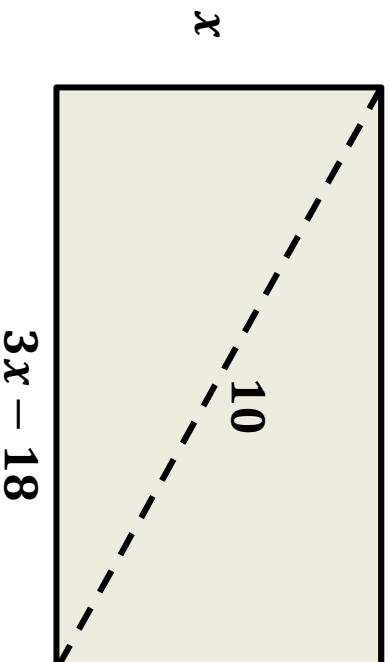
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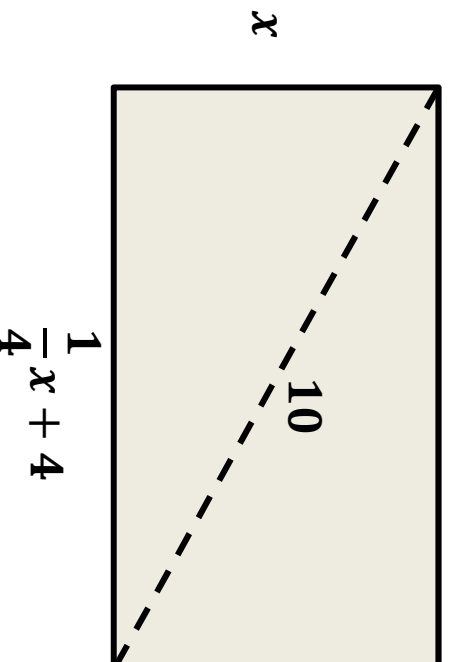
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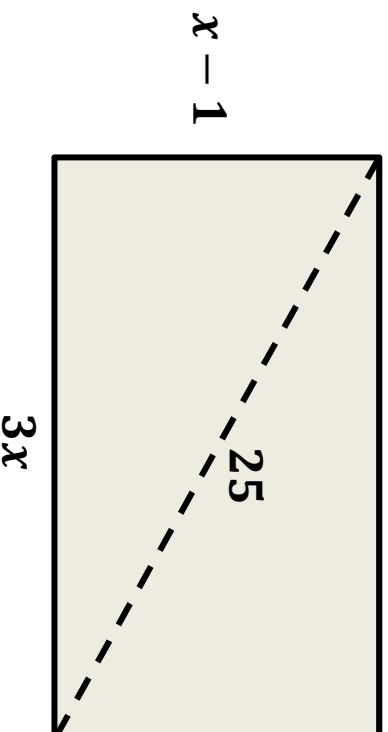
(not to scale)

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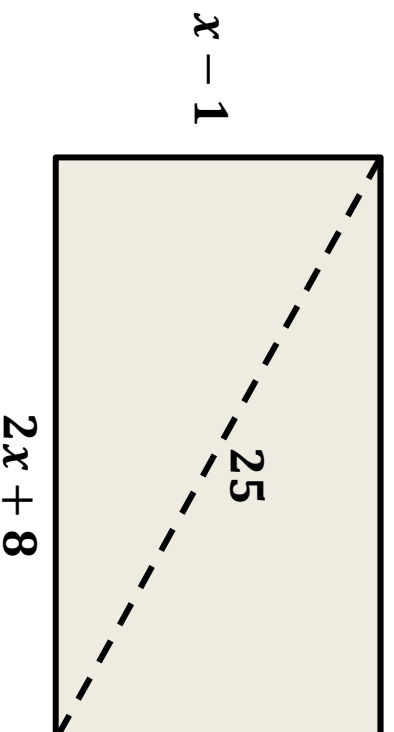
(not to scale)

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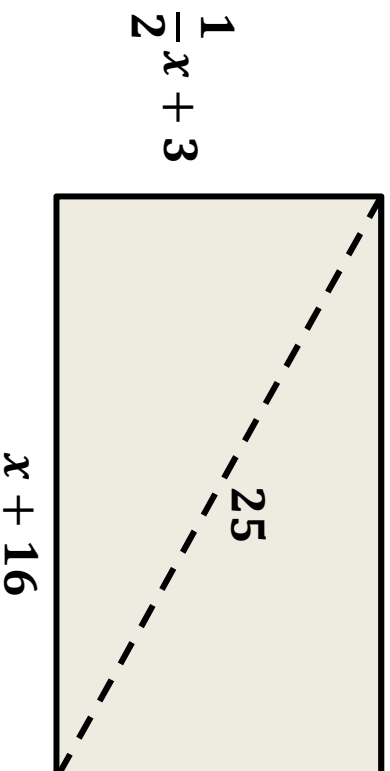
(not to scale)

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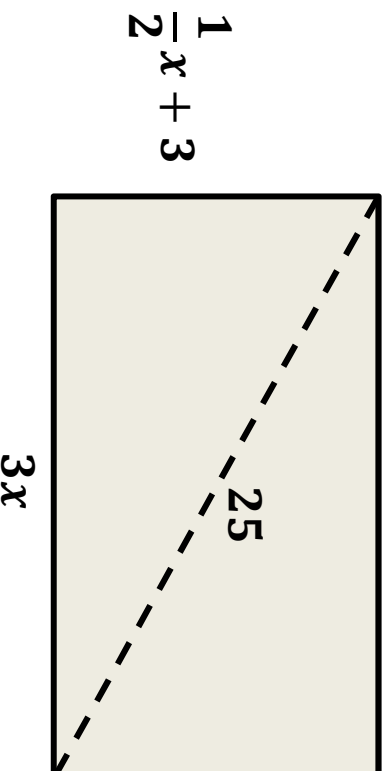
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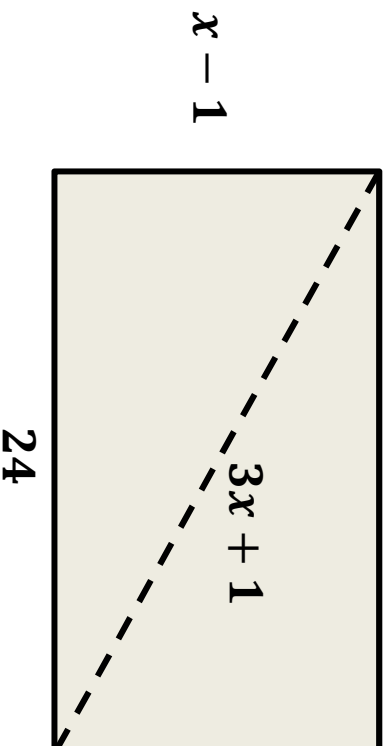
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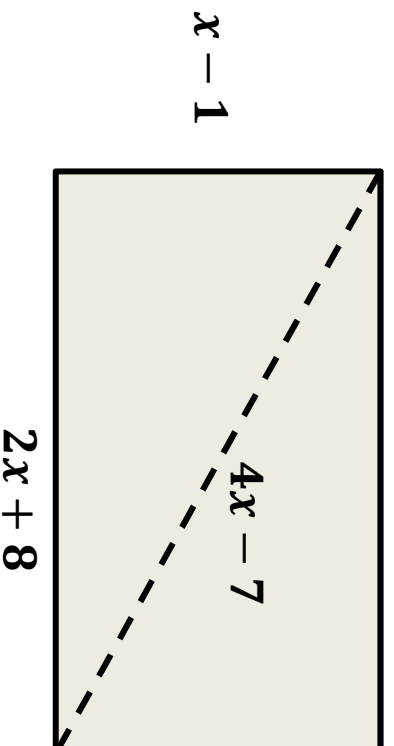
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(not to scale)