Step	Algorithm:
1a	
4	where
2	
3	while do
2,3	$\wedge$
5a	where
6	
8	
5b	
7	
2	
	endwhile
2,3	$\wedge \neg (\qquad)$
1b	

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Algorithm:

where

while   do

where

endwhile

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2,3	∧
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5b	
7	
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2,3	∧ ¬( )
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2	∧ ¬( )
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Step	Algorithm:
	where
	while do
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Step	Algorithm:

Algorithm:

where

while   do

where

endwhile