

How many pounds of walnuts that cost \$6 per pound must be mixed with 5 pounds of cashews that cost \$9 per pound to make a mixture of nuts that costs \$7 per pound?

Use the following table to help:

	<b>Total cost (\$)</b>	<b>=</b>	<b>Price (\$/ pound)</b>	<b>*</b>	<b>Amount (pounds)</b>
<b>Walnuts</b>	$6x$	<b>=</b>	6.00	<b>*</b>	$x$
<b>Cashews</b>	45.00	<b>=</b>	9.00	<b>*</b>	5
<b>Total Mix</b>	$7(x + 5)$	<b>=</b>	7.00	<b>*</b>	$x + 5$