

<p>a)</p> <table border="1"> <tbody> <tr> <td>Solve</td> <td>$5(x+2) = 35$</td> </tr> <tr> <td>Expand the brackets</td> <td>$5x + 10 = 35$</td> </tr> <tr> <td>Subtract 10 from both sides</td> <td> $\begin{array}{r} 5x + 10 = 35 \\ -10 \quad -10 \\ \hline 5x = 25 \end{array}$ </td> </tr> <tr> <td>Divide by 5 on both sides</td> <td> $\begin{array}{r} 5x = 25 \\ \div 5 \quad \div 5 \\ \hline X = 5 \end{array}$ </td> </tr> </tbody> </table>	Solve	$5(x+2) = 35$	Expand the brackets	$5x + 10 = 35$	Subtract 10 from both sides	$\begin{array}{r} 5x + 10 = 35 \\ -10 \quad -10 \\ \hline 5x = 25 \end{array}$	Divide by 5 on both sides	$\begin{array}{r} 5x = 25 \\ \div 5 \quad \div 5 \\ \hline X = 5 \end{array}$	<p>b)</p> <table border="1"> <tbody> <tr> <td>Solve</td> <td>$2(x - 6) = 14$</td> </tr> <tr> <td>Expand the brackets</td> <td>$2x - 12 = 14$</td> </tr> <tr> <td>Add 12 on both sides</td> <td> $\begin{array}{r} 2x - 12 = 14 \\ +12 \quad +12 \\ \hline 2x = 26 \end{array}$ </td> </tr> <tr> <td></td> <td></td> </tr> </tbody> </table>	Solve	$2(x - 6) = 14$	Expand the brackets	$2x - 12 = 14$	Add 12 on both sides	$\begin{array}{r} 2x - 12 = 14 \\ +12 \quad +12 \\ \hline 2x = 26 \end{array}$			<p>c)</p> <table border="1"> <tbody> <tr> <td>Solve</td> <td>$5(x - 8) = 50$</td> </tr> <tr> <td>Expand the brackets</td> <td>$5x - 40 = 50$</td> </tr> <tr> <td></td> <td></td> </tr> <tr> <td></td> <td></td> </tr> </tbody> </table>	Solve	$5(x - 8) = 50$	Expand the brackets	$5x - 40 = 50$				
Solve	$5(x+2) = 35$																									
Expand the brackets	$5x + 10 = 35$																									
Subtract 10 from both sides	$\begin{array}{r} 5x + 10 = 35 \\ -10 \quad -10 \\ \hline 5x = 25 \end{array}$																									
Divide by 5 on both sides	$\begin{array}{r} 5x = 25 \\ \div 5 \quad \div 5 \\ \hline X = 5 \end{array}$																									
Solve	$2(x - 6) = 14$																									
Expand the brackets	$2x - 12 = 14$																									
Add 12 on both sides	$\begin{array}{r} 2x - 12 = 14 \\ +12 \quad +12 \\ \hline 2x = 26 \end{array}$																									
Solve	$5(x - 8) = 50$																									
Expand the brackets	$5x - 40 = 50$																									
<p>d)</p> <table border="1"> <tbody> <tr> <td>Solve</td> <td>$3(x + 5) = 12$</td> </tr> <tr> <td>Expand the brackets</td> <td></td> </tr> <tr> <td></td> <td></td> </tr> <tr> <td></td> <td></td> </tr> </tbody> </table>	Solve	$3(x + 5) = 12$	Expand the brackets						<p>e)</p> <table border="1"> <tbody> <tr> <td>Solve</td> <td>$6(x - 8) = 24$</td> </tr> <tr> <td></td> <td></td> </tr> <tr> <td></td> <td></td> </tr> <tr> <td></td> <td></td> </tr> </tbody> </table>	Solve	$6(x - 8) = 24$							<p>f)</p> <p>Solve $7(x + 3) = 49$</p>								
Solve	$3(x + 5) = 12$																									
Expand the brackets																										
Solve	$6(x - 8) = 24$																									