

Lösungen

1.	$\frac{11}{21}$										
2.	a) $\underline{u = 3}$ b) $\underline{b = 6}$ c) $x = \frac{11}{6}$										
3.	$\underline{11a}$										
4.	0.004017kg ; 432min ; 450sek ; 0.735m										
5.	a) $\frac{5^4 - 25}{100} = \underline{6}$ b) $(13 - 9) + 13 \cdot 9 = \underline{121}$										
6.	$\underline{195 CHF}$										
7.	a) $\underline{2 \cdot 2 \cdot 5 \cdot 11 \cdot 17}$ b) $\underline{180 Personen}$										
8.	a) $25x + 20 \cdot (270 - x)$ b) $x = \underline{110}$ Erwachsene										
9.	a) $(x - 2) + 5 = 0$; $\underline{x = -3}$ b) $(2x + 9) + (x + 12) = 0$; $\underline{x = -7}$										
10.	<table border="1"> <thead> <tr> <th>Gleichung</th> <th>Aussage</th> </tr> </thead> <tbody> <tr> <td>A</td> <td>3</td> </tr> <tr> <td>B</td> <td>1</td> </tr> <tr> <td>C</td> <td>4</td> </tr> <tr> <td>D</td> <td>2</td> </tr> </tbody> </table>	Gleichung	Aussage	A	3	B	1	C	4	D	2
Gleichung	Aussage										
A	3										
B	1										
C	4										
D	2										
11. a)											
b)	Zwischen 40 MWh und 160 MWh										
12. a)	$P = \frac{6}{49}$										
b)	$P = \frac{33}{49}$										