Being the Teacher

Geoffrey has left his homework until the last minute and has rushed through some of the questions.

Can you check his homework using the inverse operation?
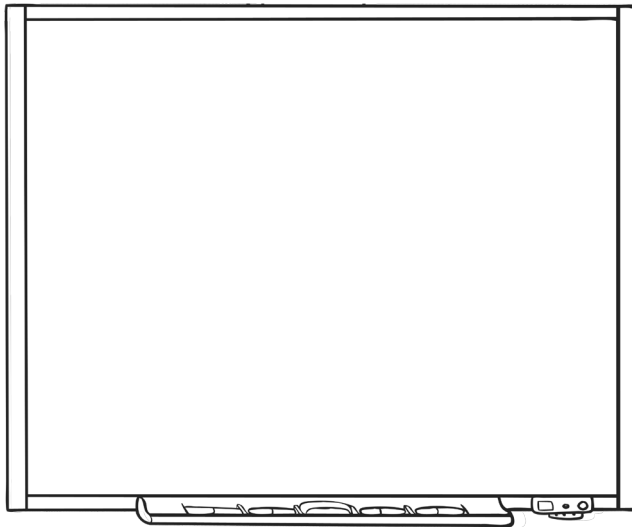
Question	Calculation	Inverse	Correct?
e.g.	76 − 45 _____ 22	$\begin{array}{r} 2\ 2 \\ +\ 4\ 5 \\ \hline 6\ 7 \end{array}$	✗
1	75 + 49 _____ 124		
2	972 − 284 _____ 588		

3	$\begin{array}{r} 298 \\ + 75 \\ \hline 375 \end{array}$	
4	$\begin{array}{r} 294 \\ - 48 \\ \hline 246 \end{array}$	
5	$\begin{array}{r} 98 \\ + 144 \\ \hline 242 \end{array}$	
6	$\begin{array}{r} 784 \\ - 142 \\ \hline 553 \end{array}$	

7	$$287 + 924 \over 1211$$		
8	$$474 - 362 \over 82$$		

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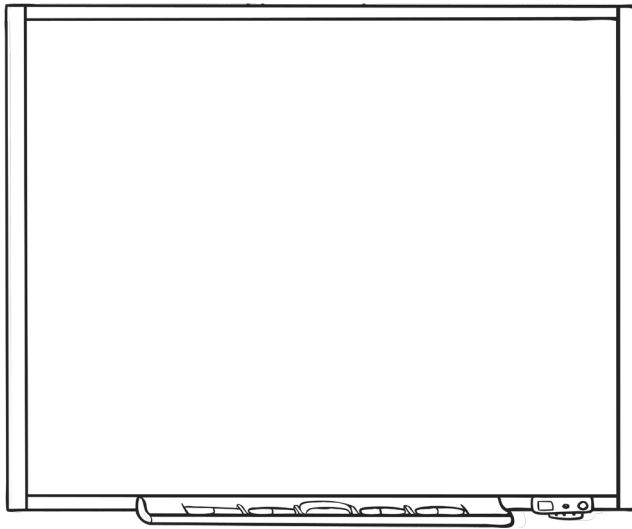Can you check his homework using the inverse operation?

Question	Calculation	Inverse	Correct?	If the answer is incorrect, what is the correct calculation?
e.g.	776 − 445 322	4 4 5 + 3 2 2 7 6 7	✘	7 7 6 − 4 4 5 3 3 1
1	1984 + 587 2571			
2	972 − 284 588			

3	$$\begin{array}{r} 298 \\ + 1475 \\ \hline 1663 \end{array}$$			
4	$$\begin{array}{r} 9857 \\ - 2743 \\ \hline 7114 \end{array}$$			
5	$$\begin{array}{r} 1098 \\ + 844 \\ \hline 1942 \end{array}$$			
6	$$\begin{array}{r} 3784 \\ - 2542 \\ \hline 1132 \end{array}$$			

7	287 + 924 —— 1211			
8	2474 - 862 —— 1621			

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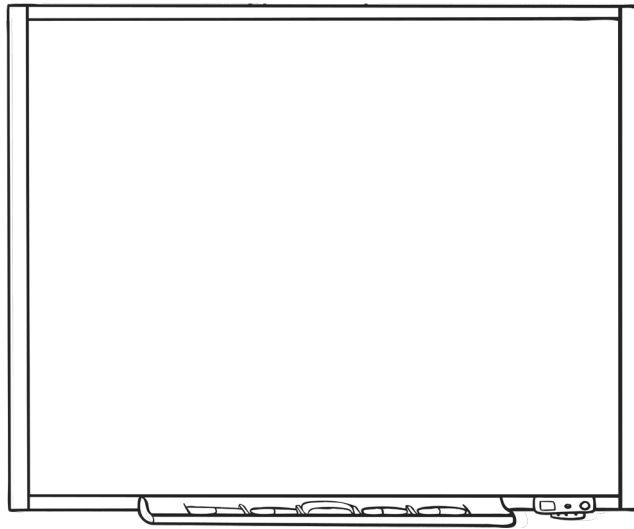Can you check his homework using the inverse operation?

Question	Calculation	Inverse	Correct?	If the answer is incorrect, what is the correct calculation?
e.g.	776 - 445 ___ 322	445 + 322 ___ 767	✘	776 - 445 ___ 331
1	1984 + 587 ___ 2571			
2	8474 - 4862 ___ 3721			

3	$\begin{array}{r} 483.4 \\ +\ 287.3 \\ \hline 780.6 \end{array}$			
4	$\begin{array}{r} 9857 \\ -\ 2743 \\ \hline 7114 \end{array}$			
5	$\begin{array}{r} 1098.65 \\ +\ 844.43 \\ \hline 1943.08 \end{array}$			
6	$\begin{array}{r} 366.39 \\ -\ 134.25 \\ \hline 232.42 \end{array}$			

7	$$\begin{array}{r} 287 \\ +\ 924 \\ \hline 1211 \\ \hline \end{array}$$		
8	$$\begin{array}{r} 2474.5 \\ -\ 862.7 \\ \hline 1621.8 \\ \hline \end{array}$$		

Being the Teacher **Answers**

Question	Calculation	Correct?
★ 1	75 + 49 = 124	✓
★ 2	972 - 284 = 588	✗
★ 3	298 + 75 = 375	✗
★ 4	294 - 48 = 246	✓
★ 5	98 + 144 = 242	✓
★ 6	784 - 142 = 553	✗
★ 7	287 + 924 = 1211	✓
★ 8	474 – 362 = 82	✗

Question	Calculation	Correct?	If the answer is incorrect, what is the correct answer?
★★ 1	1984 + 587= 2571	✓	
★★ 2	972- 284 = 588	✗	688
★★ 3	298 + 1475 = 1663	✗	1773
★★ 4	9857- 2743 = 7114	✓	
★★ 5	1098+ 844= 1942	✓	
★★ 6	3784-2542= 1132	✗	1242
★★ 7	287+ 924= 1211	✓	
★★ 8	2474-862= 1621	✗	1612

Question	Calculation	Correct?	If the answer is incorrect, what is the correct answer?
★★★ 1	1984+ 587= 2571	✓	
★★★ 2	8474- 4862 = 3721	✗	3612
★★★ 3	483.4 + 287.3 = 780.6	✗	770.7
★★★ 4	9857- 2743 = 7114	✓	
★★★ 5	1098.65+ 844.43= 1943.08	✓	
★★★ 6	366.39 – 134.25 = 232.42	✗	232.14
★★★ 7	287+ 924= 1211	✓	
★★★ 8	2474.5-862.7= 1621.8	✗	1611.8