

## Summand Manipulation Exercise 22

Name:	Class:	Date:
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#1 
$$\sum_{k=11}^{75} t^{k+5} = \sum_{k=14}^{78} t^c ; \quad c = \underline{\hspace{2cm}}$$

#2 
$$\sum_{k=7}^{55} t^{k-1} = \sum_{k=9}^{57} t^c ; \quad c = \underline{\hspace{2cm}}$$

#3 
$$\sum_{k=1}^n t^{k-15} = \sum_{k=4}^{n+3} t^c ; \quad c = \underline{\hspace{2cm}}$$

#4 
$$\sum_{\text{dog}=5}^{\text{cat}} \text{lion}^{\text{dog}-3} = \sum_{\text{dog}=4}^{\text{cat}-1} \text{lion}^c ; \quad c = \underline{\hspace{2cm}}$$

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