

Name \_\_\_\_\_

Date \_\_\_\_\_

### Complete the Truth Table - Independent Practice Worksheet

Complete all the problems.

1. Complete the truth table for:  $A \wedge \sim B$

A	B	$\sim B$	$A \wedge (\sim B)$
F	T		
F	F		

2. Complete the truth table for:  $\sim S \wedge T$

S	T	$\sim S$	$\wedge T$
		T	T
		F	F

3. Complete the truth table for:  $L \wedge \sim M$

L	M	$\sim M$	$L \wedge (\sim M)$
T		T	
T		F	

4. Complete the truth table for:  $\sim M \wedge N$

M	N	$\sim M$	$\wedge N$
F			T
F	T		

5. Complete the truth table for:  $X \wedge \sim Y$

X	Y	$\sim Y$	$X \wedge (\sim Y)$
F		T	
T		F	



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6. Complete the truth table for:  $\sim A \wedge B$ 

A	B	$\sim A$	$\wedge B$
		T	T
F	F		

7. Complete the truth table for:  $E \wedge \sim F$ 

E	F	$\sim F$	$E \wedge (\sim F)$
F	F		
F	F		

8. Complete the truth table for:  $\sim P \wedge Q$ 

P	Q	$\sim P$	$\wedge Q$
F			T
T			T

9. Complete the truth table for:  $S \wedge \sim T$ 

S	T	$\sim T$	$S \wedge (\sim T)$
	F		T
	F		T

10. Complete the truth table for:  $\sim X \wedge Y$ 

X	Y	$\sim X$	$\wedge Y$
T	F	F	
		T	F

