

Worksheet Exercise 2.4.A.

Name _____

Practice calculations

Class _____ Date _____

Part A. This is just some practice to help you learn your **T's** and **F's**. You should know the results here without looking at the rules. So, learn the rules first. When you are done, fold the backside of this page over to match the answers printed there.

$T \& F = \underline{\hspace{2cm}}$

$F \vee T = \underline{\hspace{2cm}}$

$F \equiv F = \underline{\hspace{2cm}}$

$F \supset F = \underline{\hspace{2cm}}$

$F \vee F = \underline{\hspace{2cm}}$

$T \& T = \underline{\hspace{2cm}}$

$F \supset T = \underline{\hspace{2cm}}$

$F \supset F = \underline{\hspace{2cm}}$

$F \& T = \underline{\hspace{2cm}}$

$T \vee F = \underline{\hspace{2cm}}$

$T \supset F = \underline{\hspace{2cm}}$

$F \equiv T = \underline{\hspace{2cm}}$

$T \vee T = \underline{\hspace{2cm}}$

$T \equiv T = \underline{\hspace{2cm}}$

$F \supset T = \underline{\hspace{2cm}}$

$F \vee T = \underline{\hspace{2cm}}$

$F \supset F = \underline{\hspace{2cm}}$

$F \equiv F = \underline{\hspace{2cm}}$

$F \& F = \underline{\hspace{2cm}}$

$F \vee F = \underline{\hspace{2cm}}$

$T \supset T = \underline{\hspace{2cm}}$

$F \& T = \underline{\hspace{2cm}}$

$T \equiv T = \underline{\hspace{2cm}}$

$T \& F = \underline{\hspace{2cm}}$

$T \vee F = \underline{\hspace{2cm}}$

$F \& F = \underline{\hspace{2cm}}$

$T \equiv F = \underline{\hspace{2cm}}$

$T \supset F = \underline{\hspace{2cm}}$

Answers

$$\underline{\text{F}} = \text{T} \& \text{F}$$

$$\underline{\text{T}} = \text{F} \vee \text{T}$$

$$\underline{\text{T}} = \text{F} \equiv \text{F}$$

$$\underline{\text{T}} = \text{F} \supset \text{F}$$

$$\underline{\text{F}} = \text{F} \vee \text{F}$$

$$\underline{\text{T}} = \text{T} \& \text{T}$$

$$\underline{\text{T}} = \text{F} \supset \text{T}$$

$$\underline{\text{T}} = \text{F} \supset \text{F}$$

$$\underline{\text{F}} = \text{F} \& \text{T}$$

$$\underline{\text{T}} = \text{T} \vee \text{F}$$

$$\underline{\text{F}} = \text{T} \supset \text{F}$$

$$\underline{\text{F}} = \text{F} \equiv \text{T}$$

$$\underline{\text{T}} = \text{T} \vee \text{T}$$

$$\underline{\text{T}} = \text{T} \equiv \text{T}$$

$$\underline{\text{T}} = \text{F} \supset \text{T}$$

$$\underline{\text{T}} = \text{F} \vee \text{T}$$

$$\underline{\text{T}} = \text{F} \supset \text{F}$$

$$\underline{\text{T}} = \text{F} \equiv \text{F}$$

$$\underline{\text{F}} = \text{F} \& \text{F}$$

$$\underline{\text{F}} = \text{F} \vee \text{F}$$

$$\underline{\text{T}} = \text{T} \supset \text{T}$$

$$\underline{\text{F}} = \text{F} \& \text{T}$$

$$\underline{\text{T}} = \text{T} \equiv \text{T}$$

$$\underline{\text{F}} = \text{T} \& \text{F}$$

$$\underline{\text{T}} = \text{T} \vee \text{F}$$

$$\underline{\text{F}} = \text{F} \& \text{F}$$

$$\underline{\text{F}} = \text{T} \equiv \text{F}$$

$$\underline{\text{F}} = \text{T} \supset \text{F}$$