

# [54] Understanding the behaviors of Formula Auditing tools makes it easy to audit formulas and leverage that behavior in the formula design process

## Formulas tab, Formula Auditing group

**Formulas**

- Trace Precedents
- Show Formulas
- Trace Dependents
- Error Checking
- Remove Arrows
- Evaluate Formula
- Watch Window

Formula Auditing

### Trace Dependents

	A	B	C	D	E	F	G
1							
4				2018	2019		Total
6	Revenue			1,000	1,050		2,050
7	Less: COGS			(820)	(849)		(1,669)
9	Gross Margin			180	201		381
10	GM%			18.0%	19.2%		18.6%

### Trace Precedents

	A	B	C	D	E	F	G
1							
4				2018	2019		Total
6	Revenue			1,000	1,050		2,050
7	Less: COGS			(820)	(849)		(1,669)
9	Gross Margin			180	201		381
10	GM%			18.0%	19.2%		18.6%

### Base Data

	A	B	C	D	E	F	G
1							
4				2018	2019		Total
6	Revenue			1,000	1,050		2,050
7	Less: COGS			(820)	(849)		(1,669)
9	Gross Margin			180	201		381
10	GM%			18.0%	19.2%		18.6%

### Show Formulas (Ctrl+`)

	A	B	C	D	E	F
1						
4				2018	2019	
6	Revenue			1000	1050	=SUM
7	Less: COGS			-820	-848.7	=SUM
9	Gross Margin			=SUM(D6:D8)	=SUM(E6:E8)	=SUM
10	GM%			=IFERROR(D9/D6,0)	=IFERROR(E9/E6,0)	=IFER

**Evaluate Formula**

Reference: **AuditTools!\$E\$10**

Evaluation: = IFERROR(E9/E6,0)

To show the result of the underlined expression, click Evaluate result appears italicized.

**Evaluate**    **Step In**