Bellringer: REVIEW
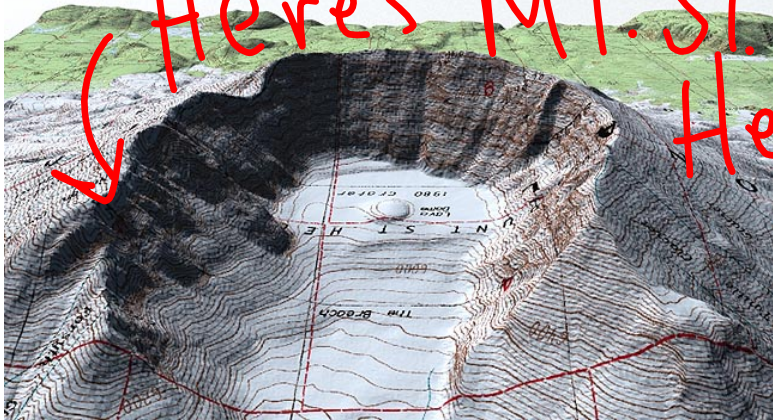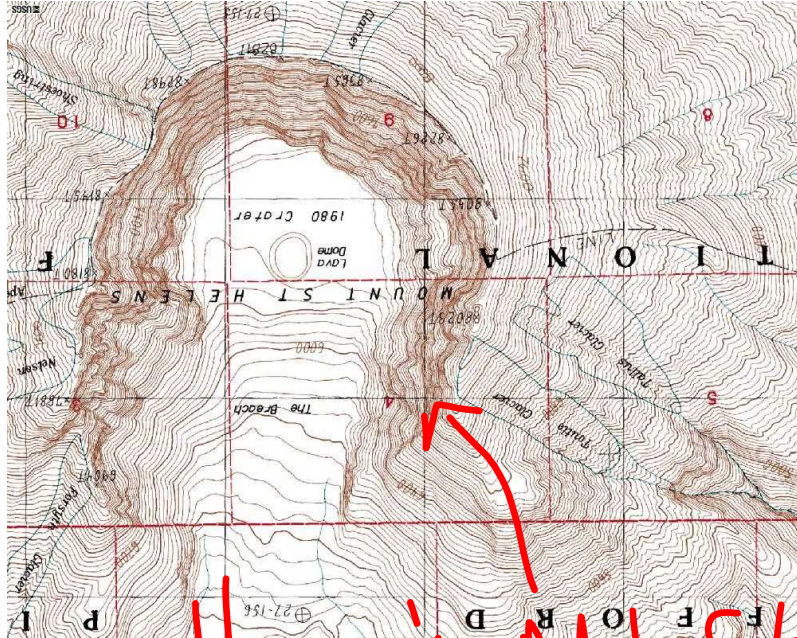
- None

Learning Objectives:

- I can take the strike and dip of a rock layer.
- I can draw a cross section of a topographic map.

Check For Understanding
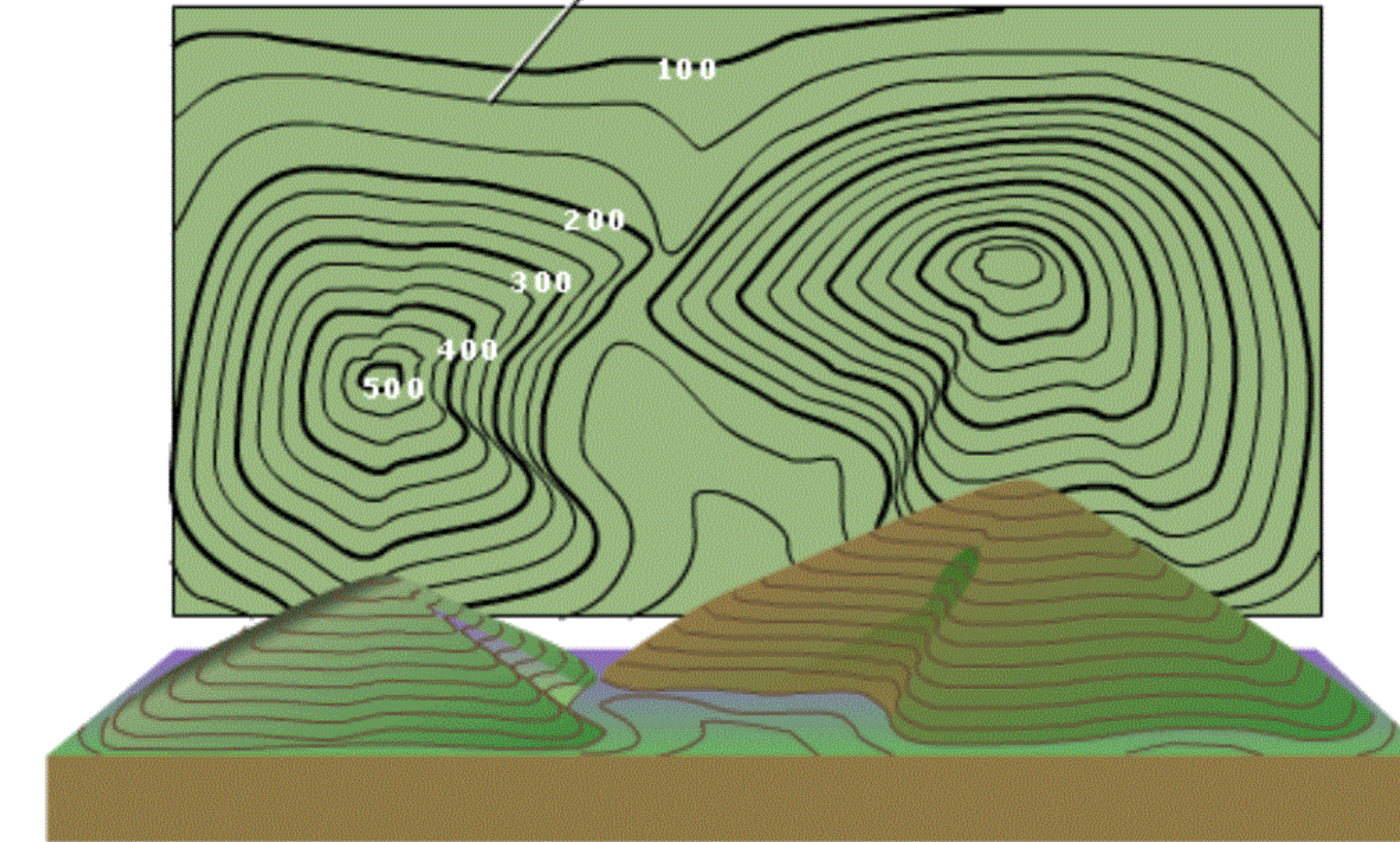
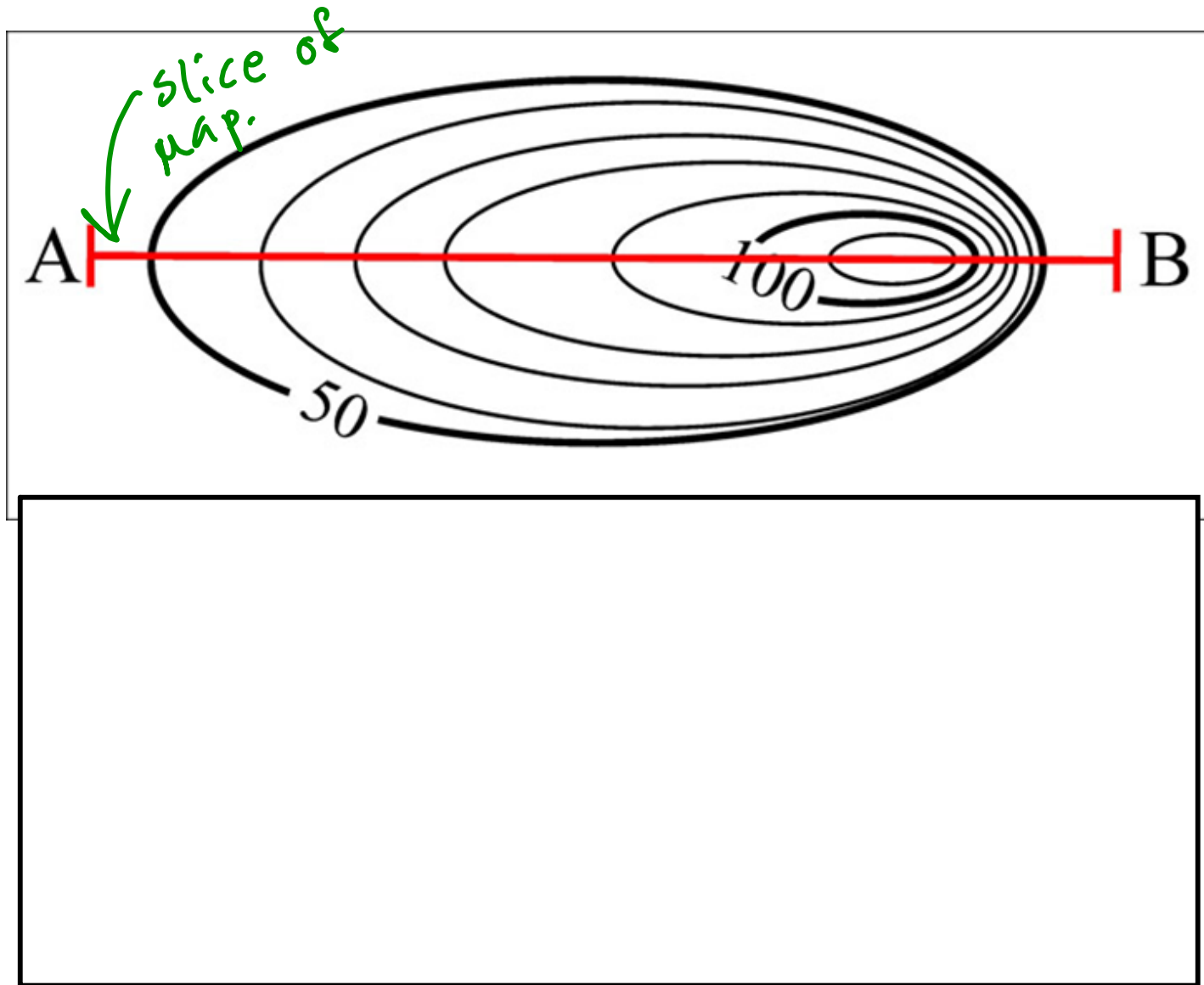- Why is the strike measurement important?

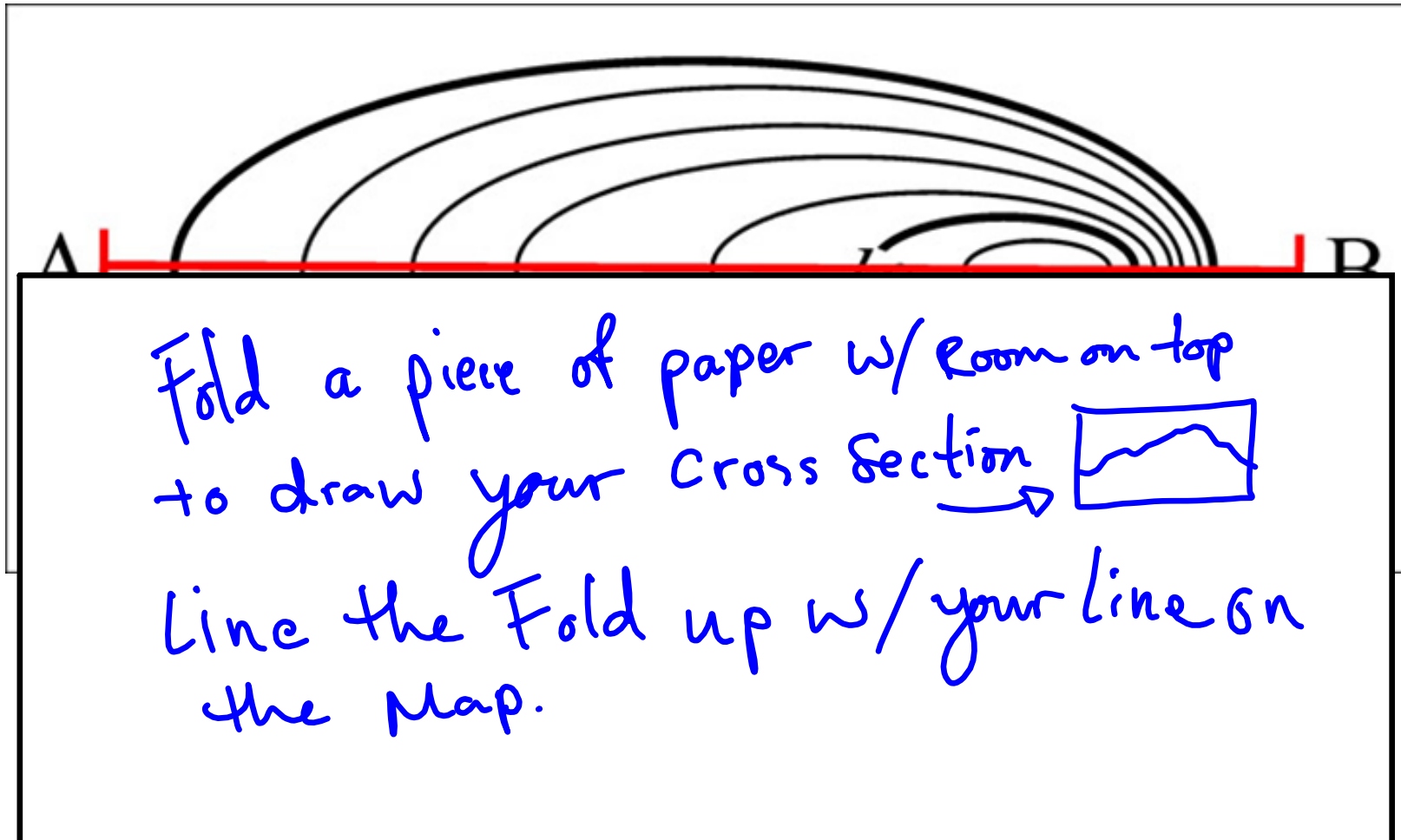# Contour Lines

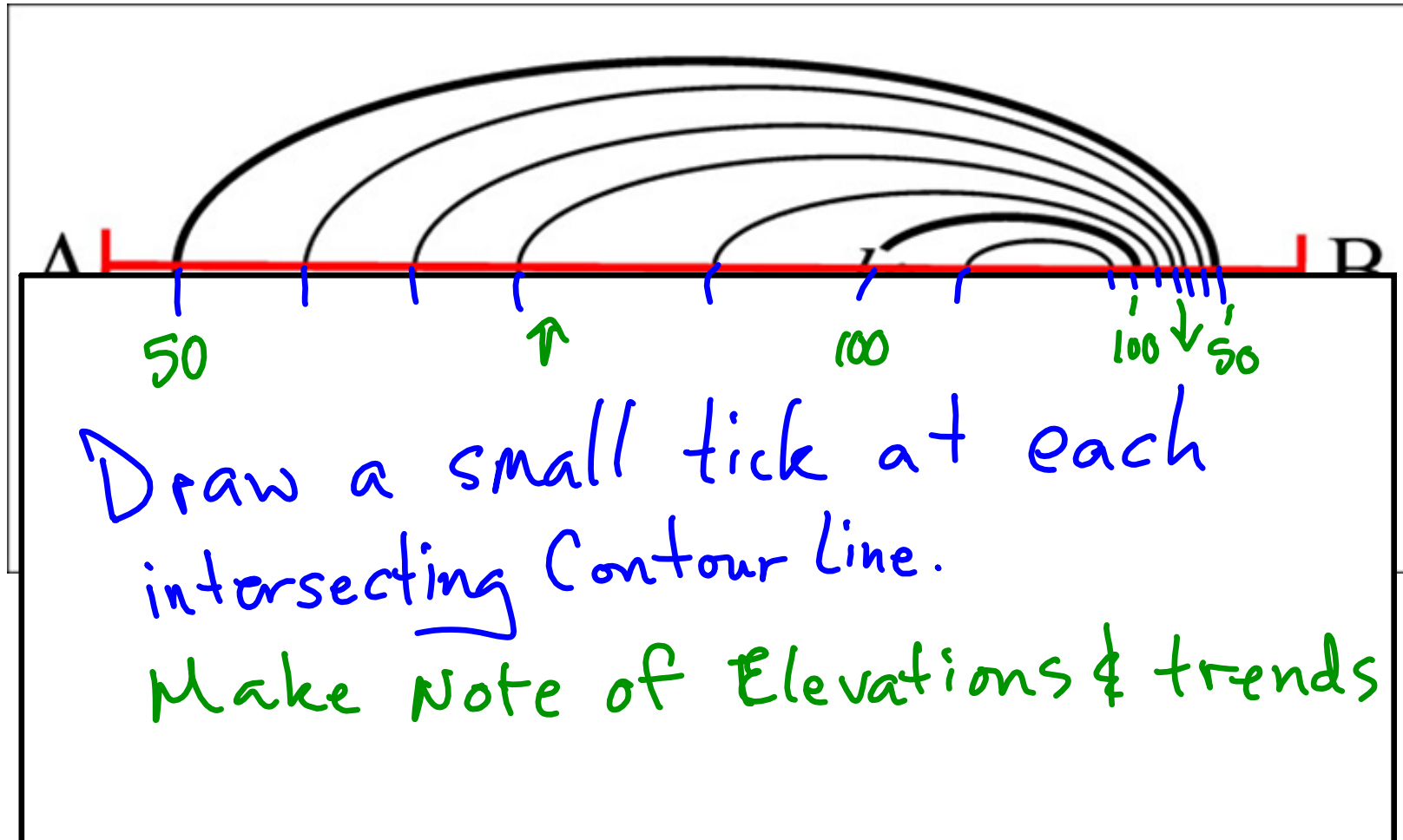Here's Mt. St. Helens

Contour Map

Contour Line

100

200

300

400

500

Drawing the cross section of a topographic map.

slice of map.

A ————————————————————— B

100

50

Drawing the cross section of a topographic map.

Fold a piece of paper w/ Room on top
to draw your Cross Section →

Line the Fold up w/ your line on
the Map.

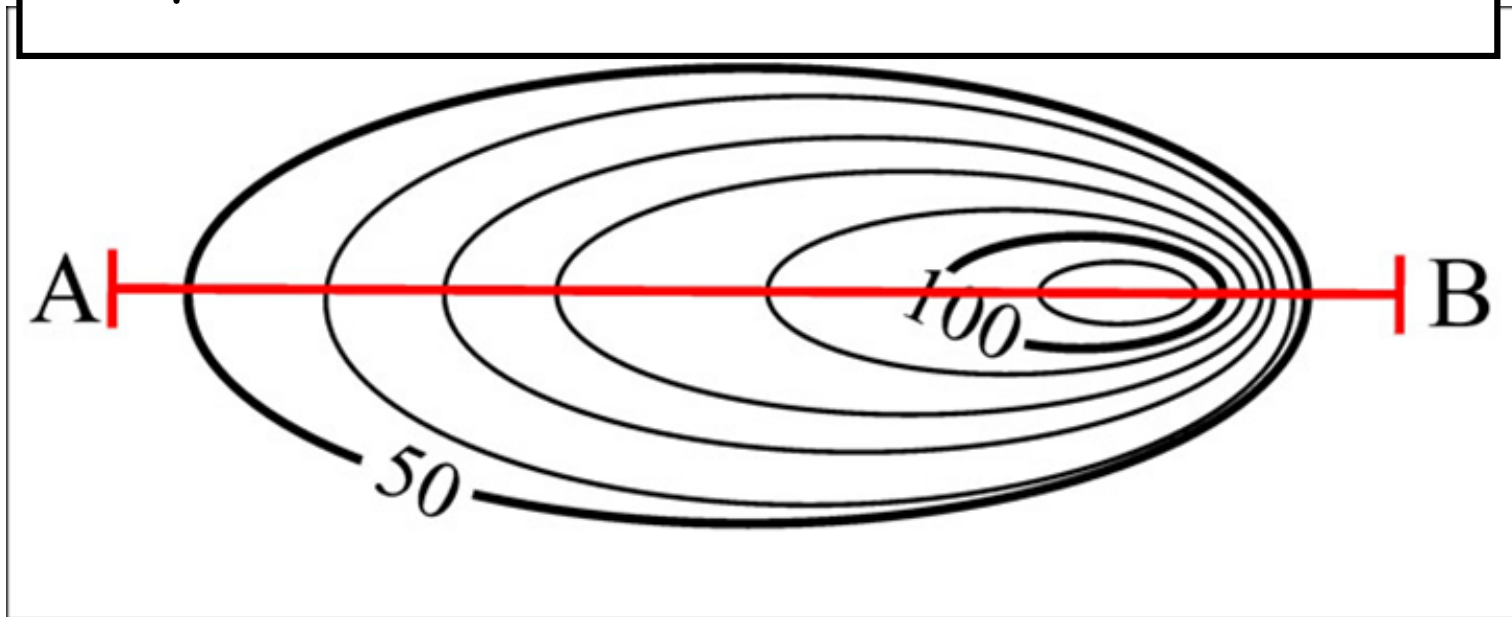# Drawing the cross section of a topographic map.

A   B

50   ↑   100   100 ↓ 50

Draw a small tick at each
intersecting Contour Line.
Make Note of Elevations & trends

Drawing the cross section of a topographic map.

Unfold your paper.
↳ use the fold as your lowest Elevation

— — — — — — — — — — — — — — — — — — Fold

50   ↑   100   100 ↓ 50

A |—————————————————————————| B

100

50

Drawing the cross section of a topographic map.

120
110
90
70
50

Now using the Elevation as your
y value & the Tick marks as your X value
graph the points!

Fold

50

X intercept.

100   100   50
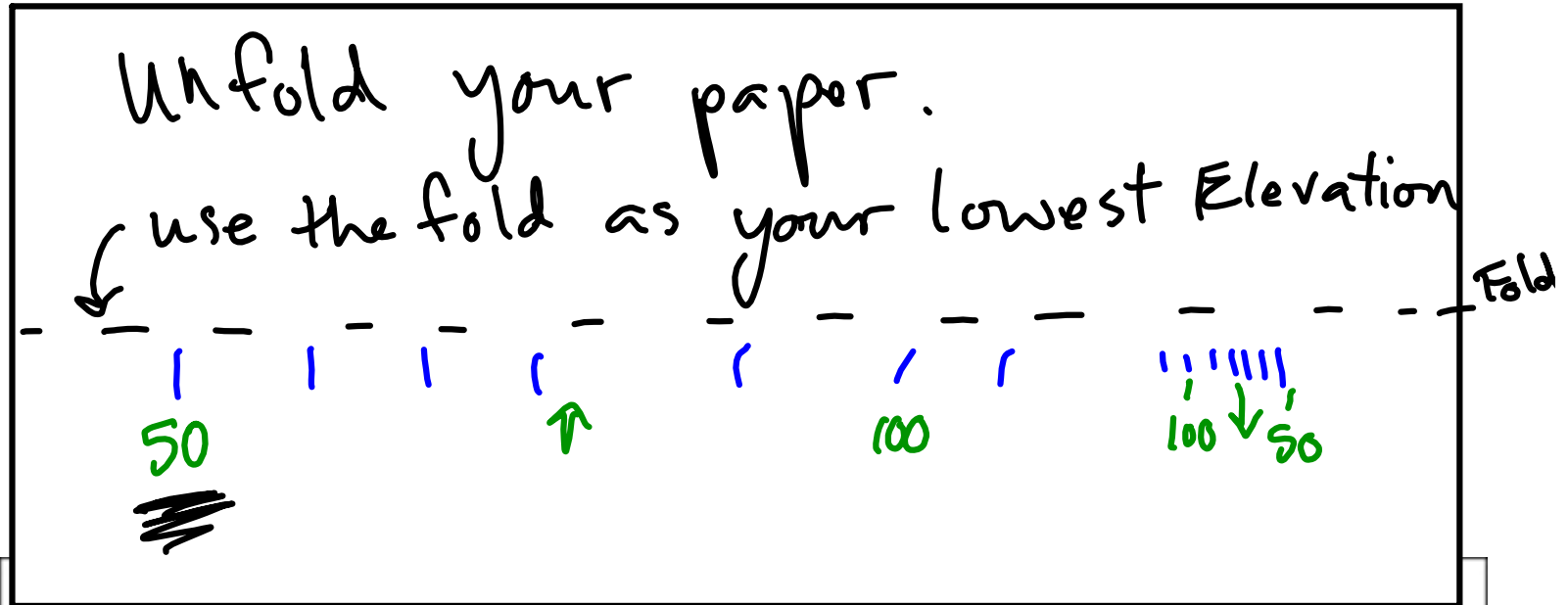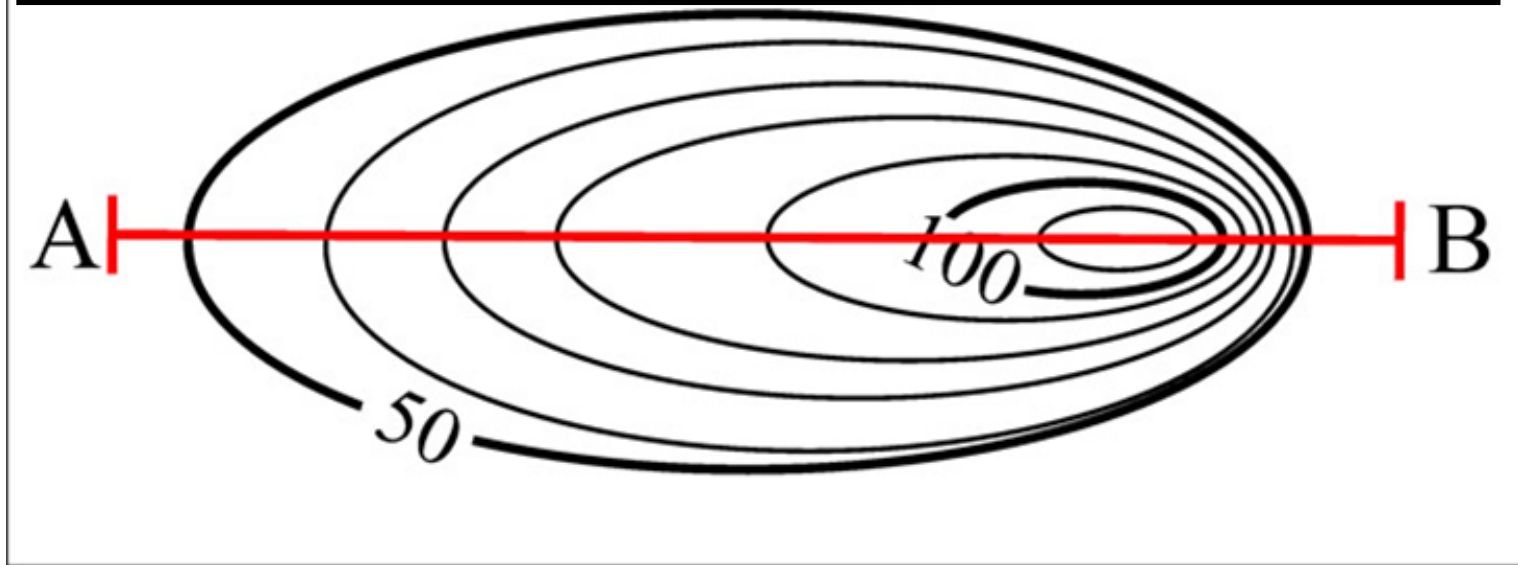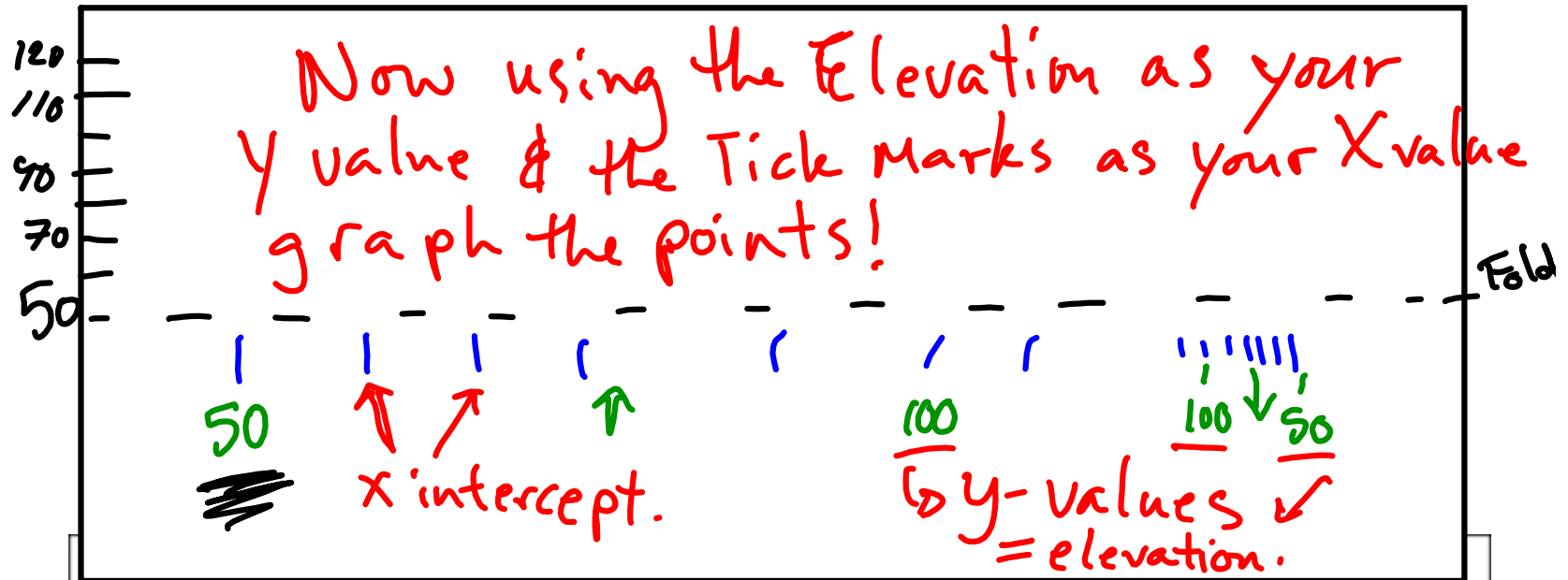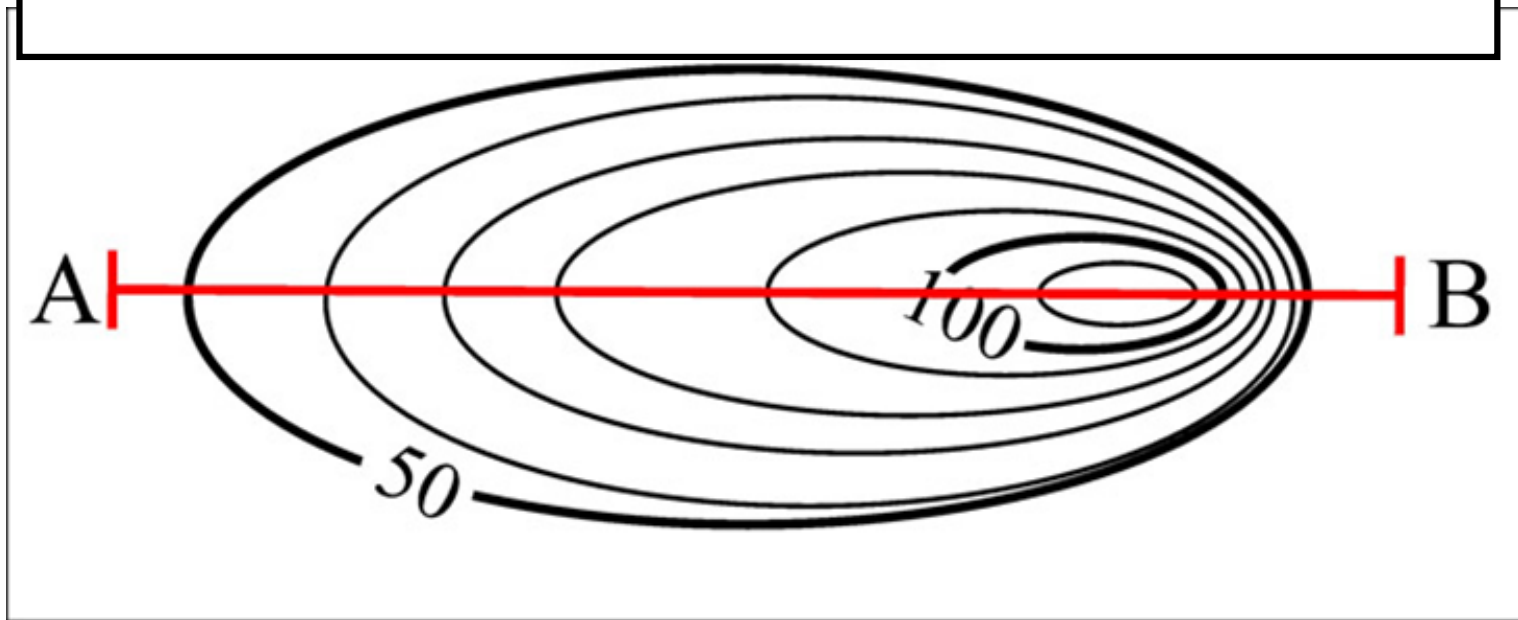
y-values ✓
= elevation.

A — B

100

50

Drawing the cross section of a topographic map.
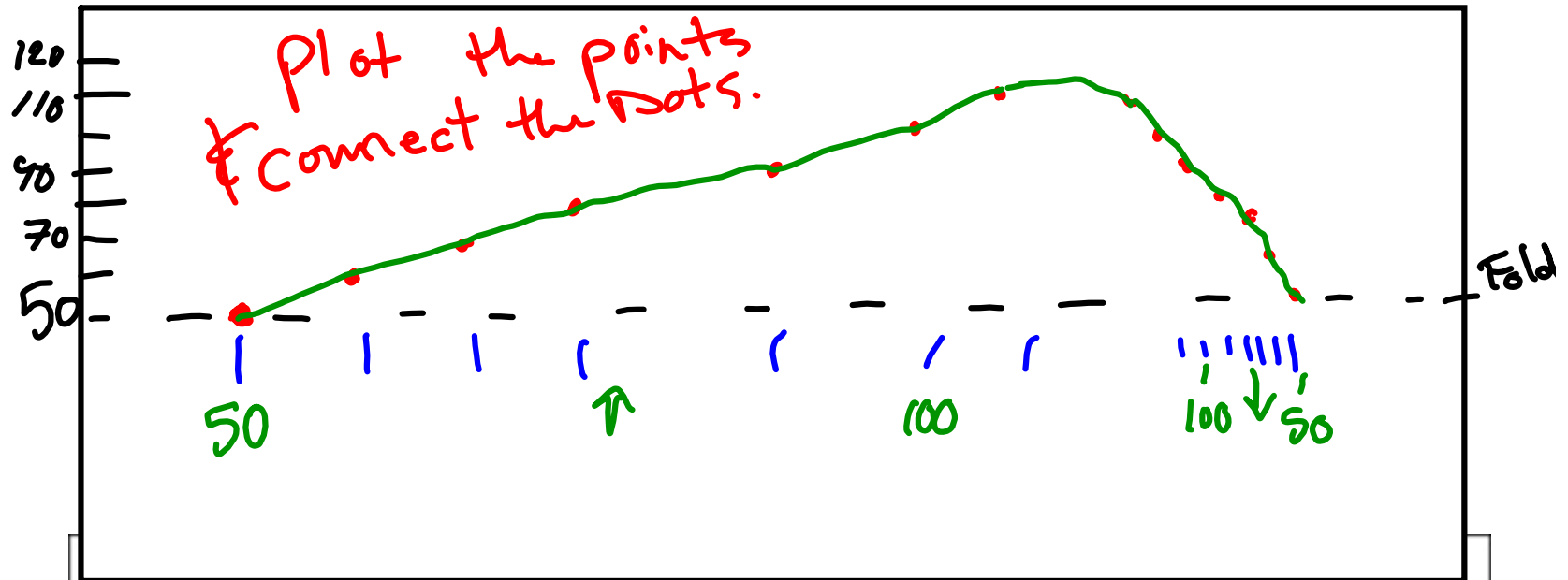
Drawing the cross section of a topographic map.

120
110
90
70
50

contour lines

Fold

50   100   100   50
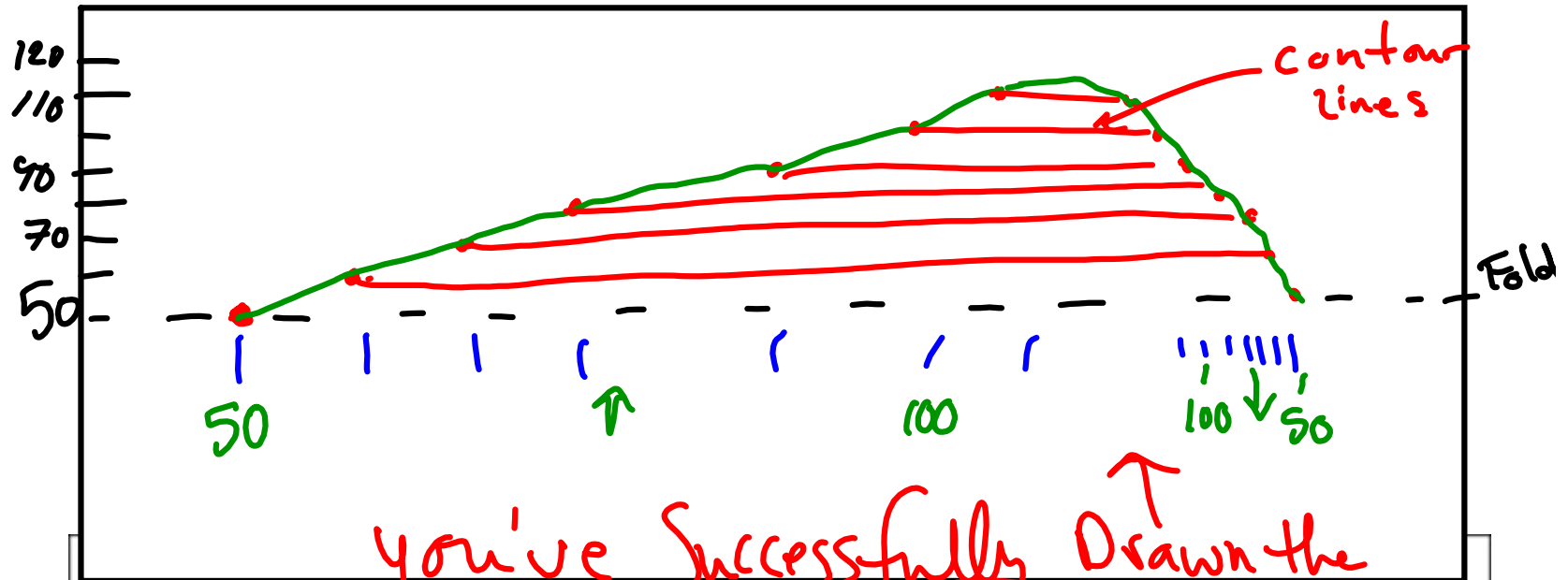
you've Successfully Drawn the Topo Map

A ——————————————————— B

100

50
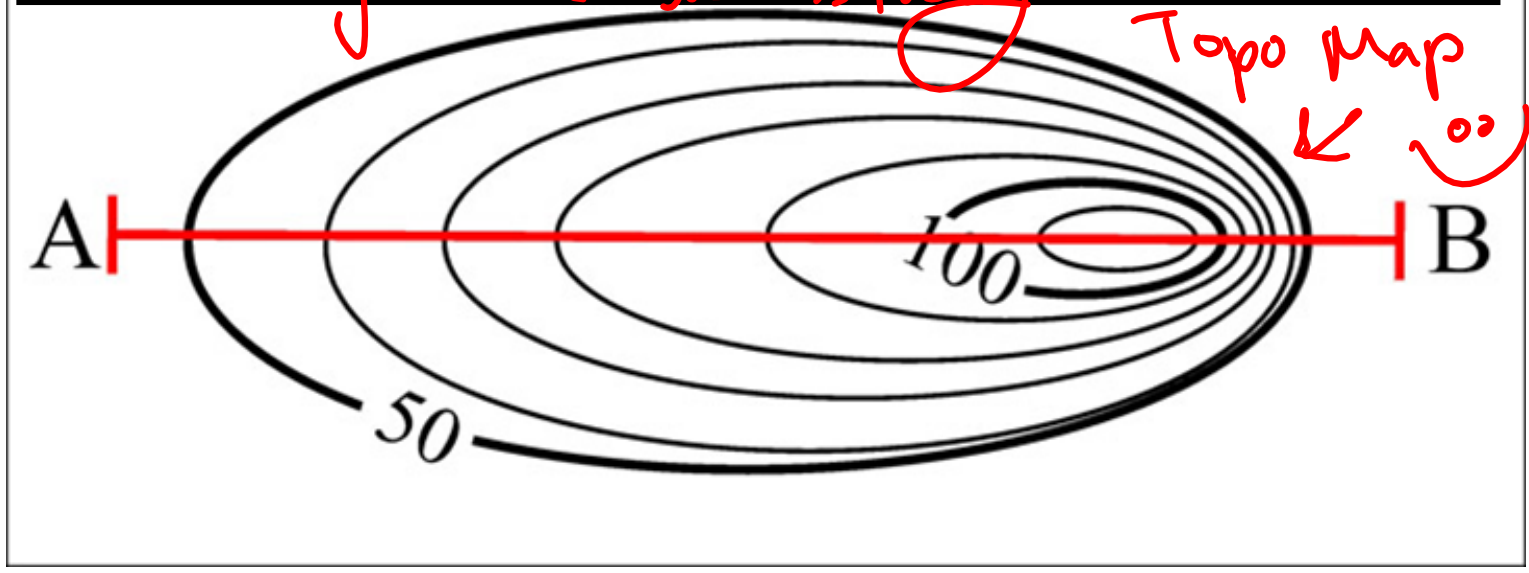
Check For Understanding

- Why is the strike measurement important?

Learning Objectives: Accomplished?

- I can take the strike and dip of a rock layer.
- I can draw a cross section of a topographic map.

Self Evaluation:

- Understanding: 1 = Lost, 2 = Got it, 3 = I can teach it.
- Participation: 1 = Did nothing, 2 = Minimum, 3 = Fully involved