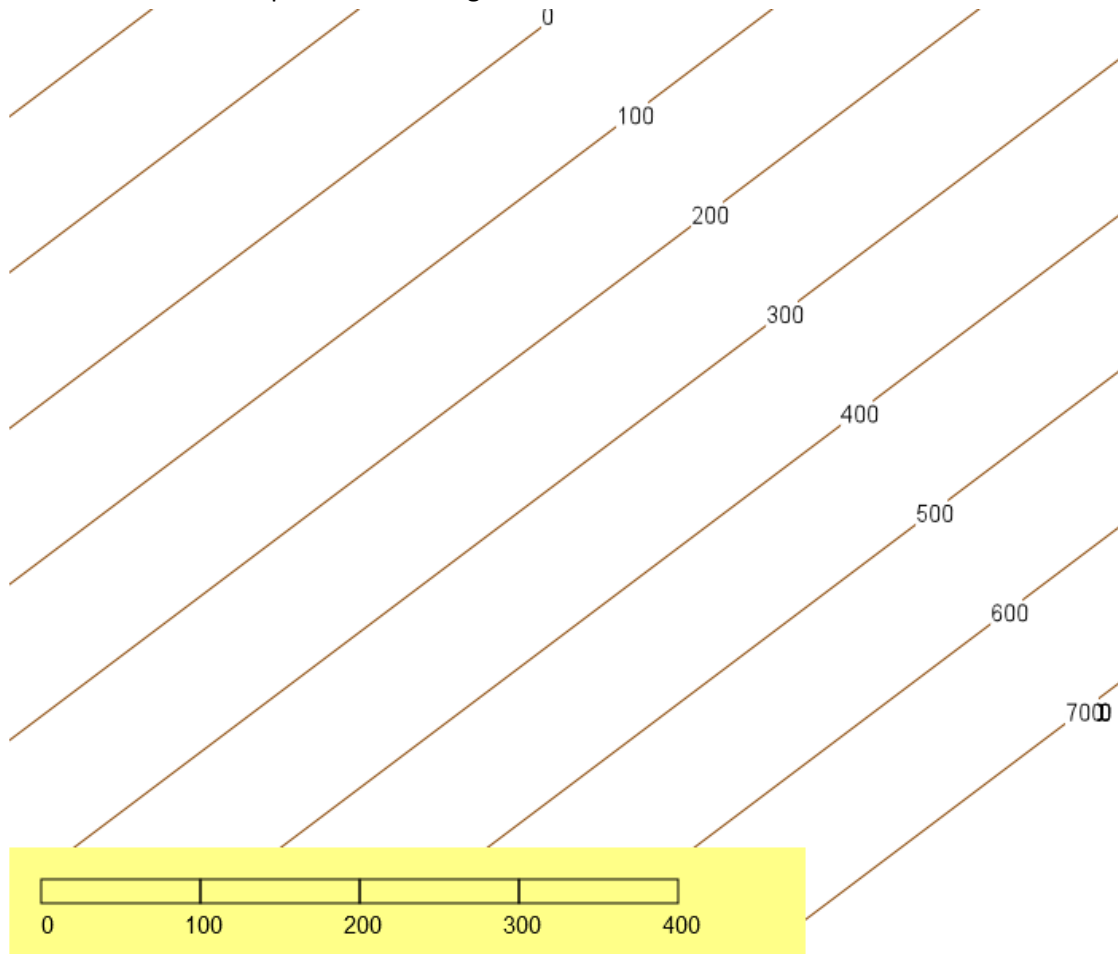Name of the Institute: Mother Theresa Institute of Engineering & Technology, Palamaner.

Dept: Civil Engineering.                Regd. No.

1.A. Find the Strike & Dip of the following contours.

Name of the Institute: Mother Theresa Institute of Engineering & Technology, Palamaner.

Dept: Civil Engineering.                    Regd. No.

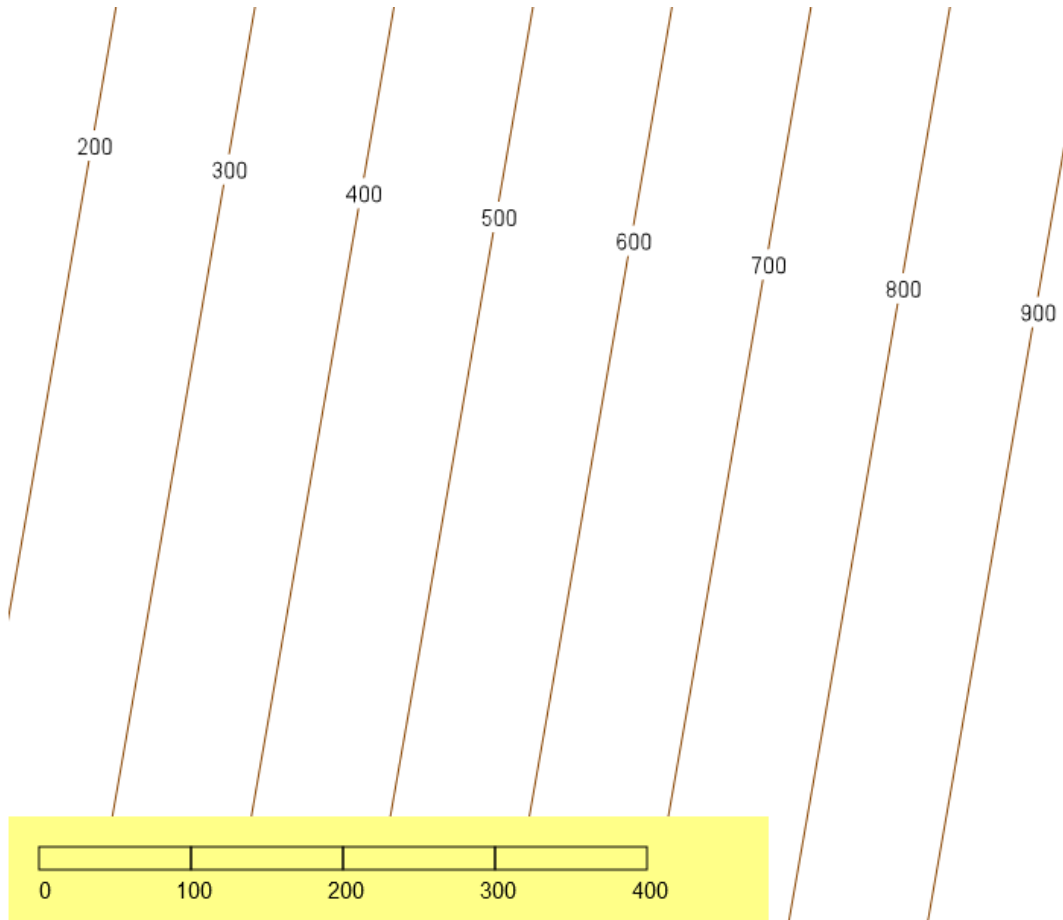1.B. Find the Strike & Dip of the following contours.

Name of the Institute: Mother Theresa Institute of Engineering & Technology, Palamaner.

Dept: Civil Engineering.            Regd. No.    | | | | | | | | | |

Problem 2:

A bedded formation possesses an apparent dip of 1:10 due N $25^o$W. The direction of true strike is N$40^o$W-S$40^o$E. Determine the direction and amount of true dip.

Name of the Institute: Mother Theresa Institute of Engineering & Technology, Palamaner.

Dept: Civil Engineering.          Regd. No.    | | | | | | | | | | |

Problem 3:
A formation has an apparent dip of 1:10 due S60$^o$W. The amount of true dip is 1:4. Find the direction of true dip.

Name of the Institute: Mother Theresa Institute of Engineering & Technology, Palamaner.

Dept: Civil Engineering.          Regd. No.  ☐ ☐ ☐ ☐ ☐ ☐ ☐ ☐ ☐ ☐

Problem 4:

A formation has a true dip of 1:5 due east. Determine the amount of apparent dip due N50°E. Also find out the direction along which the amount of apparent dip will be 1:10.