Topographic Map Worksheet

The topographic map below represents a location in North America. Points A through C are locations on the map. Elevations are in meters.

1. The elevation at Point A is
   A 60 m  C 140 m
   B 100 m  D 300 m

2. In which direction is the stream flowing?
   A northwest  C southwest
   B northeast  D southeast

3. What is the approximate length of the stream between point A and point B?
   A 5 km  C 9 km
   B 7 km  D 10 km

4. Which side of Lookout Hill has the steepest slope?
   A north  C east
   B south  D west

5. Which diagram best represents the profile between point B and point C?

   (1) [Diagram]
   (2) [Diagram]
   (3) [Diagram]
   (4) [Diagram]
The topographic map below represents a location in North America. A grid system of letters and numbers along the edges of the map is provided to assist in finding locations. Elevations are expressed in feet.

1. What is the approximate elevation at grid location 7-I?
   A 140 ft  C 200 ft
   B 170 ft  D 230 ft

2. What is a possible elevation at point X (grid location 3-D)?
   A 488 ft  C 558 ft
   B 548 ft  D 598 ft

3. If a person at point W (grid location 2-B) travels uphill, in which direction is the person traveling?
   A northwest  C southwest
   B northeast  D southeast

4. What is the elevation difference of the entire length of the Excelsior River?
   A 0 ft  C 225 ft
   B 200 ft  D 250 ft

5. Which profile best represents the topography along a straight line from point Z (6-B) to point Y (2-M)?
1. What is the elevation at the intersection of Jones Road and Smith Road?
   A 450 m   C 550 m
   B 500 m   D 600 m

2. What is the elevation of the highest contour line on hill W?
   A 440 m   C 560 m
   B 510 m   D 610 m

3. On which side of hill X is the steepest slope found?
   A north   C southeast
   B east    D southwest

4. In which general direction is Trout brook flowing when it passes under Smith Road?
   A northeast C southeast
   B northwest D southwest

5. Which diagram best represents the profile along a straight line between points A and B?
The topographic map below represents an area near Cottonwood, Colorado. Points A, B, X, and Y are marked for reference.

1. State the general direction in which Cottonwood Creek is flowing.

2. State the highest possible elevation, to the nearest meter, for point B on the topographic map.

3. On the grid provided, draw a profile of the topography along line AB shown on the map.