

Military Grid and Map Symbols Exercise Key

- 1) Give the military grid coordinates (four digits) for the grid square that Klinger Lake occupies the most? _____ **(4430)**
- 2) What feature is located immediately southeast of Klinger Lake?
_____ **(marsh or muskeg)**
- 3) Give the military grid coordinates (six digits) for the post office near the built up area? _____ **(535305)**
- 4) What agricultural activity is evident in grid square 5129?
_____ **(greenhouses)**
- 5a) How many churches are there in Houston? _____ **(six)**
- b) Give the coordinates (six digits) for two of them.
_____ **(521299, 527305, 528303, 531305, 532302, 532298)**
- 6) What human made feature is running across grid squares 4831, 4732, and 4733?
_____ **(power transmission line)**
- 7) In which grid square is Matthews L.? _____ **(4834)**
- 8) Matthews Creek flows in which direction? _____
(Southwest into the Bulkley River Note: Recall that water flows downhill; notice the change in elevation by looking at the contour lines.)
- 9) What is a key economic activity in Houston? Give three pieces of specific evidence to support your argument. _____

(Forest Industry): There is plenty of wooded area as evidenced by the extensive green shading. There is a sawmill in grid square 4828 with the railway next to it for transport of wood products. A Burner accompanies the sawmill as well in grid square 4728. There is also a sawmill in grid square 4726. Furthermore, there is a vehicle track / winter logging road coming off

of the main road in grid square 4633 with clear-cuts around it. A similar road is in 4433.)

- 10) Give the six digit coordinates for the school located in the northwest part of the map well outside the main community. _____ **(468332)**
- 11) What is the summit height (in feet) of Mount Harry Davis near the top of the map? Give a range of possible answers. _____
(Greater than 4100 feet but less than 4200 feet)
- 12) In what physical feature has the community of Houston been built?
_____ **(Bulkley Valley;**
Notice how flat the land is where the community has been built in comparison to the side of the valley north of the community where the contour lines are closer together.)
- 13) Look at the stream in 5334. What happens to the shape of the contour lines as they intercept the stream? _____
(They point upstream; this is a standard mapping convention.)
- 14) In which grid squares are there two bridges traversing the Bulkley river?
_____ **(5330, 4830)**
- 15) Each centimeter on the map represents how many kilometers? _____
(0.5 km)
- 16) What is the distance along the main road from 530305 to the junction at 483300?
a) 2.5 km b) 4.0 km c) 5.5 km d) 7.0 km _____
(c. The paper edge method yields a distance of approximately 11 cm . Multiply this by the scale of 0.5 km to get a distance of 5.5 km.)