Date _____ Period _____ Name _____

WORKSHEET 5 Teaching Transparency

USING LEGENDS

Use with Chapter 2
Section 2.2

1. What type of road connects Bristol and Hosford?

_____

2. Which road is a multi-lane divided road?

_____

3. What type of ferry connects Carrabelle and Dog Island?

_____

4. What is the county seat of Gadsden County?

_____

5. Which city shown is a state capital?

_____

6. How many rest areas are along the stretch of U.S. Interstate 10 that is shown on the map?

_____

7. What is the driving distance in kilometers along U.S. Highway 98 between Green Point and Carrabelle?

_____

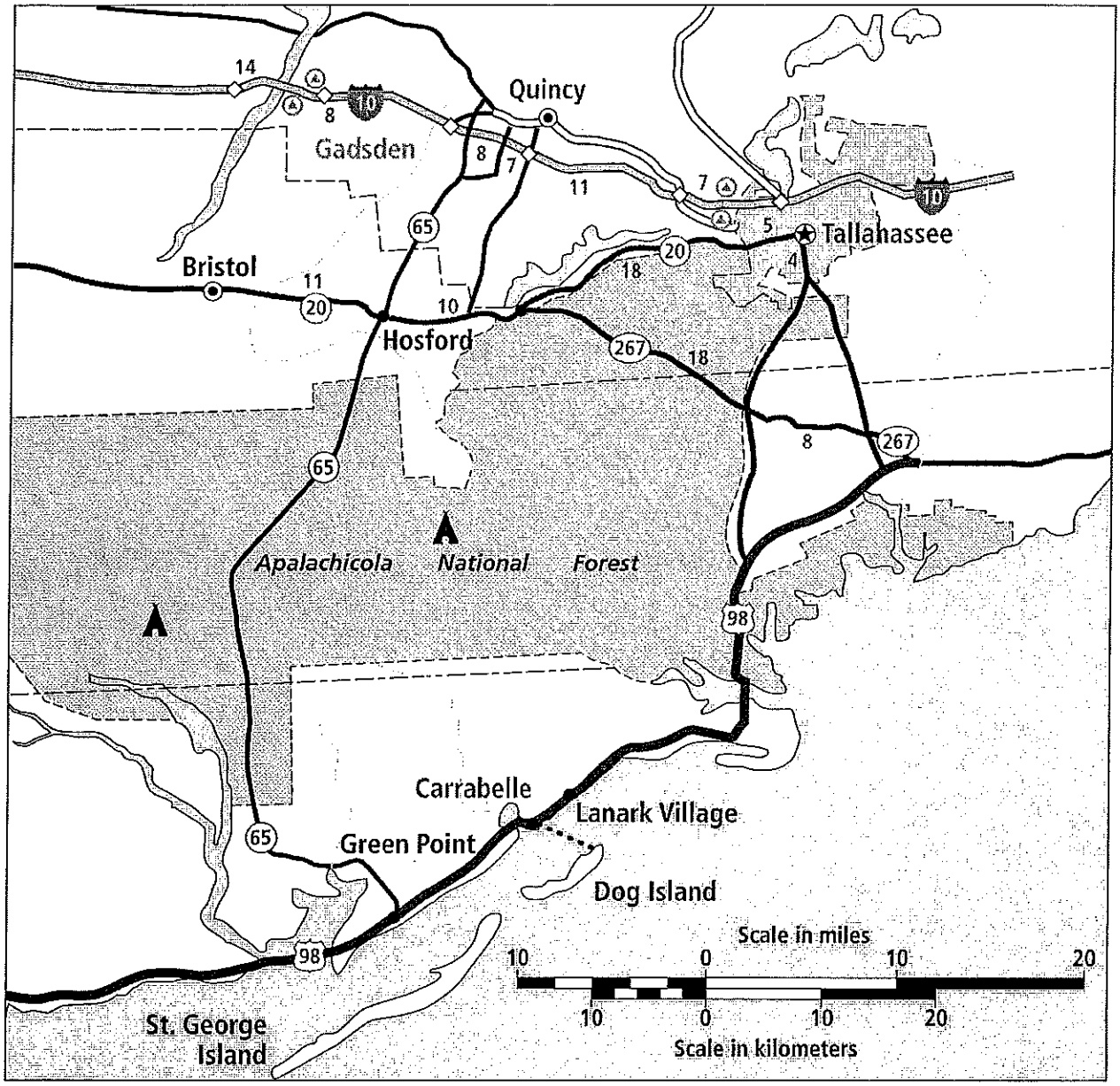
8. How many kilometers on Earth's surface does 1 inch on the map equal?

_____

MASTER 5 Teaching Transparency

USING LEGENDS

Use with Chapter 2
Section 2.2

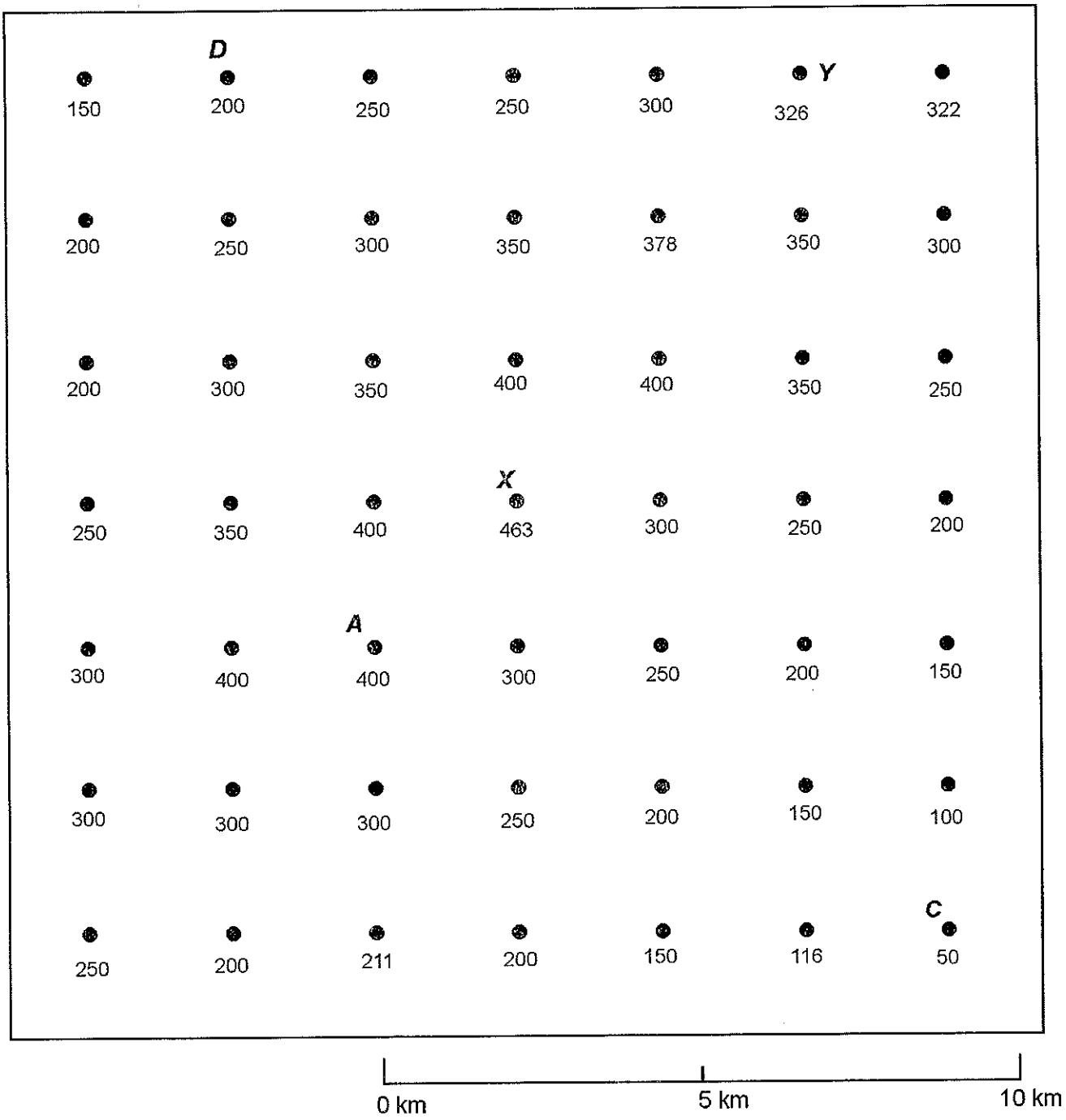


Legend

- U.S. Interstate
- U.S. Federal
- State
- Multi-lane divided
- 2 & 3 lane undivided
- Paved divided
- Paved undivided
- Gravel
- Passenger only
- Auto & Passenger
- Ferries
- Capital
- County seat
- City
- Town
- Campground
- Rest area

Contour Lines Practice #2

Draw in contour lines at the following elevations (all numbers are given in feet above sea level):
450, 400, 350, 300, 250, 200, 150, 100, 50



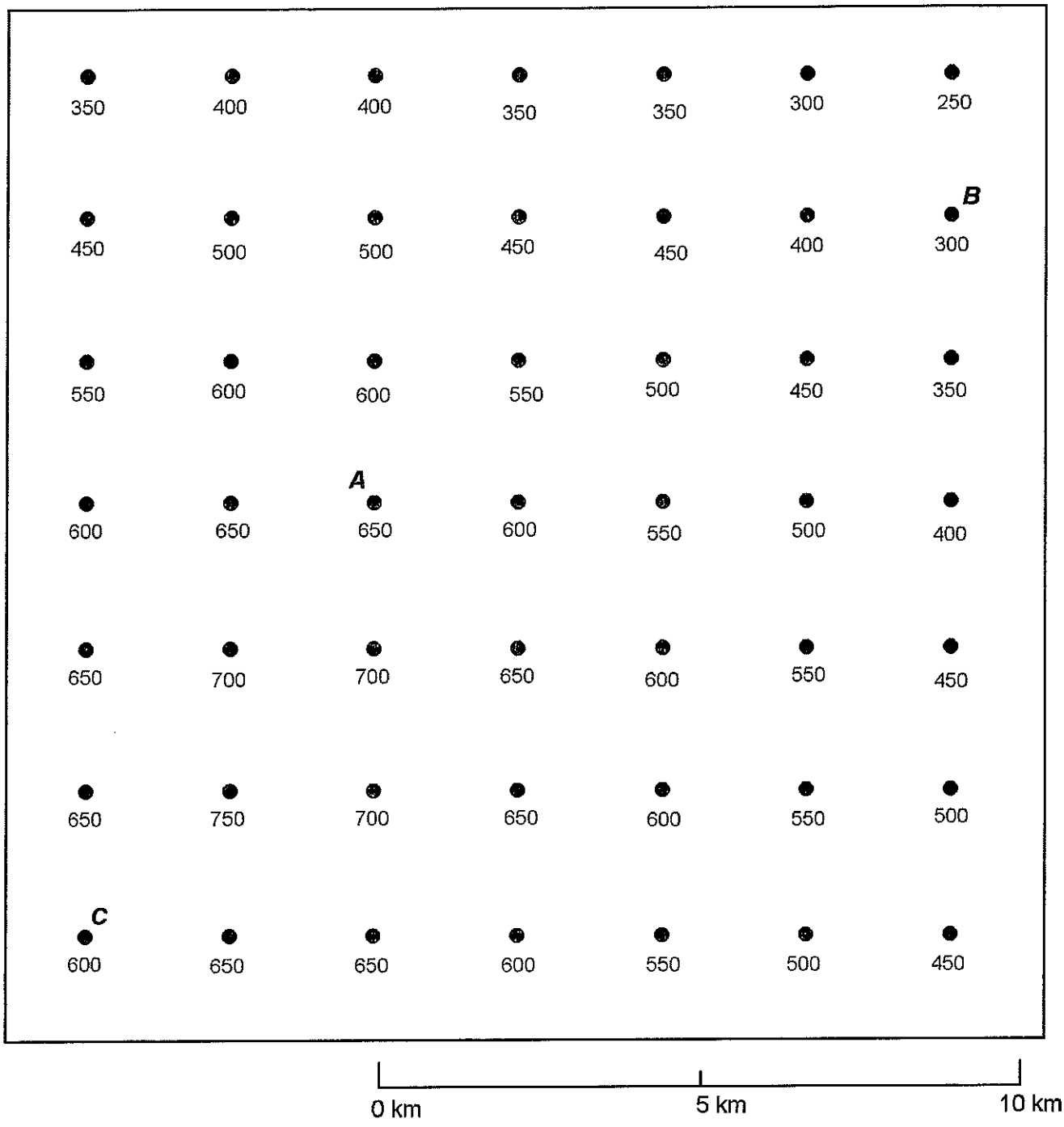
Calculate the gradient from point X to point Y

Calculate the gradient from point X to point C

If you cut through the land from C to D, what would the cross section look like? Draw it. (This is called a PROFILE.)

Contour Lines Practice #1

Draw in contour lines at the following elevations (all numbers are given in feet above sea level):
250, 300, 350, 400, 450, 500, 550, 600, 650, 700, 750



Calculate the gradient from point A to point B

If you cut through the land from C to B, what would the cross section look like? Draw it. (This is called a PROFILE.)

Activity

Topographic Maps

Recommended student grouping: students can work individually

Purpose
To construct a topographic map.

Materials
- unlined paper
- centimeter ruler
- colored pencils or fine-point markers (red, blue, brown, black, green)

Procedure
1. On the paper, construct a square that is 18 cm on each side to represent a township. Divide the township into 36 sections of equal size, as shown in *a*.
2. Lightly pencil in the section numbers as shown.

a

18 cm

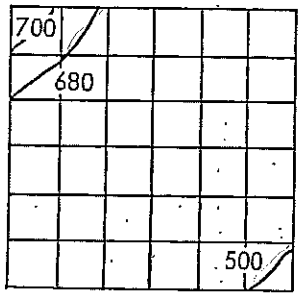
3 cm

6	5	4	3	2	1
7	8	9	10	11	12
18	17	16	15	14	13
19	20	21	22	23	24
30	29	28	27	26	25
31	32	33	34	35	36

3. With a blue pencil, draw a river winding through sections 4, 9, 15, 23, and 24.
4. Draw and label all contour lines. Three of the contour lines have been drawn and labeled for you in *b*. Add the necessary contour lines, using the following information:
   - The highest part of the map is 700 feet above sea level in 6.
   - The contour interval is 20 feet.
   - The land slopes gently down to the southeast with the lowest elevation at 500 feet in 36.

N
W E
S

b



5. Using the correct symbols and colors (shown in the table on page 289) draw the following on your map:
   - an interstate running north and south across the map from 5 through 32
   - a state highway running west from the interstate across 30
   - a U.S. highway running east from the interstate across 20 and 21 and to the center of 22
   - this scenic byway turning northeast through 14 and 12
   - an unpaved road running south from the U.S. highway in 22 down through 27 and 34
   - a railroad running diagonally across the map from 19 to 12
   - three houses along the west side of the interstate in 8
   - a cemetery on the east side of the interstate in 17
   - a small lake in 31
   - two houses with a trail between them in 23
   - a woodland covering most of 1, 2, and 3
   - a school along the east side of the road in 27
   - two sinkholes, one in 35 and one in 36

Direct the students to pencil in symbols very lightly until they are done with their maps. Then, they can go over their maps and darken the lines.