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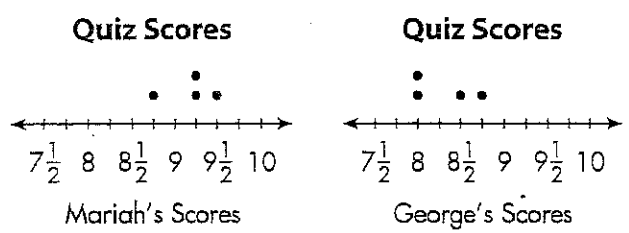
_____ is
(your name)

Getting Ready
For
5th Grade
Erdenheim Elementary
Summer Packet

- Please complete the enclosed math pages.
- Read and log the books you read on the enclosed sheet.
- Learn your states – their location and capitals. You will be required to know this by the end of September. It will be easy if you start now!

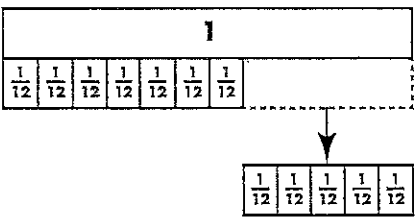
Name _____

1. In Mr. Daniels' class, all quizzes are worth 10 points. Mr. Daniels gives partial credit for work shown. The line plots show Mariah's and George's scores on four quizzes. How much greater was Mariah's highest score than George's highest score?



2. Draw fraction strips to find the product of $2 \times 2\frac{1}{4}$.

3. What subtraction problem did Andrea show using the fraction strips below?



4. Patrick compares two amounts of money. Is the comparison correct? Explain.

$\$23.15 > \25.84

5. Erin buys a jewelry set for \$27.63. She pays with two \$20 bills. List Erin's change using the least number of coins and bills. Draw or use coins and bills to solve.

6. Four friends each run part of a relay race that is $1\frac{7}{8}$ miles long. Which shows the fractions of the race each friend could have run?

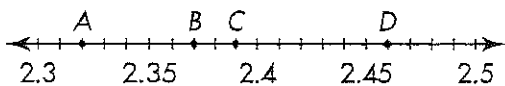
- (A) $\frac{1}{8} + \frac{1}{8} + \frac{3}{8} + \frac{4}{8}$
- (B) $\frac{6}{8} + \frac{2}{8} + \frac{3}{8} + \frac{4}{8}$
- (C) $\frac{2}{8} + \frac{4}{8} + \frac{2}{8} + \frac{8}{8}$
- (D) $\frac{2}{8} + \frac{4}{8} + \frac{4}{8} + \frac{8}{8}$

7. Select all the expressions that represent the following: Peter walked $\frac{5}{8}$ mile each day for 10 days. Use drawings or number lines as needed.

- $10 \times \frac{5}{8}$
- $10 \times \frac{1}{8}$
- $5 \times 2\frac{2}{8}$
- $10 \times 5 \times 8$
- $\frac{5}{8} + \frac{5}{8} + \frac{5}{8} + \frac{5}{8} + \frac{5}{8} + \frac{5}{8} + \frac{5}{8} + \frac{5}{8} + \frac{5}{8} + \frac{5}{8}$

8. Timothy completed a bicycle course to raise money for an animal shelter in his community. It took him $3\frac{3}{6}$ hours to complete the first part of the course. It took him $2\frac{5}{6}$ hours to complete the last part of the course. How long did it take Timothy to complete the entire course?

9. Name the decimal for each point on the number line.



A =

B =

C =

D =

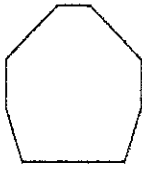
10. Andrew works in a law office. One day, he spent 2 hours 13 minutes answering phone calls, 1 hour 47 minutes returning emails, and 3 hours 26 minutes preparing presentations. How long did Andrew work?

11. Larry measures an object's mass in grams. Which of the following objects is he most likely measuring?

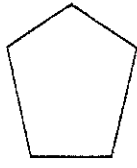
- A A lemon
- B A car
- C A surfboard
- D A horse

12. Marco has 2 pieces of rope that are each 8 yards long. How many feet of rope does Marco have? Explain.

13. Which figure below has more than one line of symmetry?



Octagon



Pentagon



Rectangle

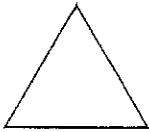


Triangle

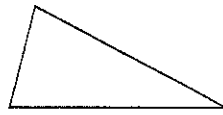
- (A) Octagon (C) Rectangle
 (B) Pentagon (D) Triangle

14. Diego draws an example of a right triangle. Which triangle could be Diego's drawing?

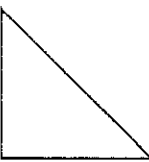
(A)



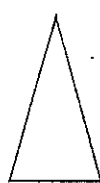
(C)



(B)



(D)



15. A window company offers different sizes of triangular windows. Complete the table to show the number of triangular panes in each size window if the pattern shown continues.

Rule:



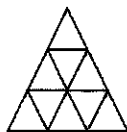
1

$1 \times 1 = 1$



2

$2 \times 2 = 4$

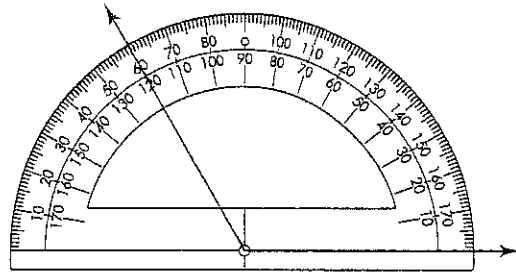


3

$3 \times 3 = 9$

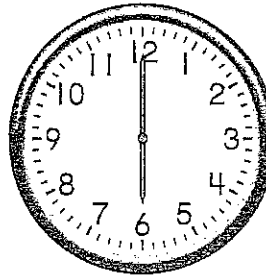
Window Size	7	9	11	13
Triangular Panes		81		

16. Which is the measure of the angle shown on the protractor?



- (A) 60° (C) 140°
 (B) 120° (D) 180°

17. What is the measure of the angle formed by the hands of the clock?



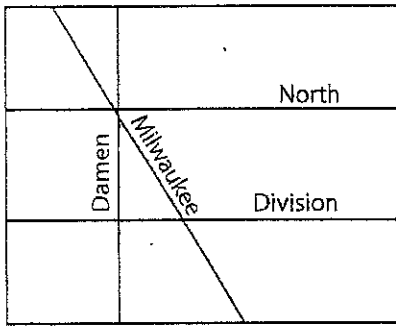
- (A) 45° (C) 180°
 (B) 90° (D) 360°

18. What are all the names that could be used for the shape below?



- (A) Quadrilateral, parallelogram
 (B) Quadrilateral, trapezoid, rectangle
 (C) Quadrilateral, parallelogram, rhombus
 (D) Quadrilateral, parallelogram, square

19. Which streets on the map appear to be parallel to each other?

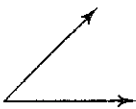

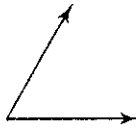



- (A) North and Damen
- (B) North and Milwaukee
- (C) Milwaukee and Division
- (D) Division and North

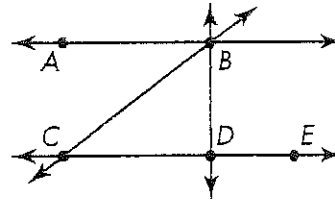
20. Remy wanted to measure the angle of a slide at the playground. He used a sheet of folded paper that formed a 25° angle. He measured and found that two of the folded paper angles would fit in the angle made by the slide and the ground. What was the angle of the slide?

- (A) 75°
- (B) 50°
- (C) 45°
- (D) 30°

21. Which angle measures about 45° ?

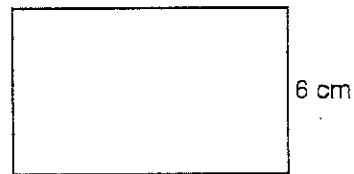
- (A) 
- (B) 
- (C) 
- (D) 

22. Which angle below is an acute angle?



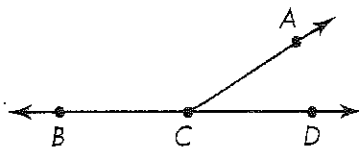
- (A) $\angle ABD$
- (B) $\angle BDC$
- (C) $\angle BCD$
- (D) $\angle CDE$

23. The perimeter of the rectangle shown below is 28 centimeters.



What is the area of the rectangle?
Explain.

24. $\angle ACD$ measures 32° . Which is the measure of $\angle ACB$?



- (A) 132°
- (B) 148°
- (C) 166°
- (D) 180°

25. Seth's book weighs 3 pounds, and his pencil case weighs 4 ounces. Which is the total weight of the book and pencil case in ounces?

- (A) 7 ounces
- (B) 34 ounces
- (C) 48 ounces
- (D) 52 ounces

26. How many lines of symmetry does this shape have?



- (A) 0
- (B) 1
- (C) 2
- (D) 4

27. Rolland says that if two rectangles have different perimeters, they must also have different areas. Does Rolland's reasoning make sense? Explain.

28. Trevor knows that 1 cup equals 8 fluid ounces. His ice cream recipe calls for 4 cups of milk. How many fluid ounces of milk does Trevor need?

- (A) 4 fluid ounces
- (B) 24 fluid ounces
- (C) 28 fluid ounces
- (D) 32 fluid ounces

29. Nelson is making a wreath out of wood sticks. For each layer, he glues 4 wood sticks together to form a square. He then rotates the squares and overlaps the layers. How many sticks does Nelson need in all to build a 7-layer wreath? Explain.



Figure 1
4 Sticks

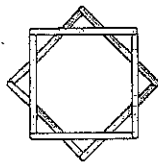


Figure 2
8 Sticks

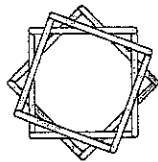
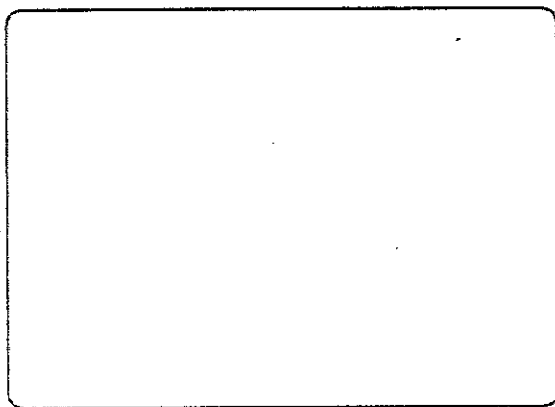


Figure 3
12 Sticks



30. Each plant in Micah's garden has 7 blooms. How many blooms are on 9 plants? 11 plants?

Plants	Blooms
3	21
5	35
7	49
9	
11	

Learn the US state names, capitals, and abbreviations

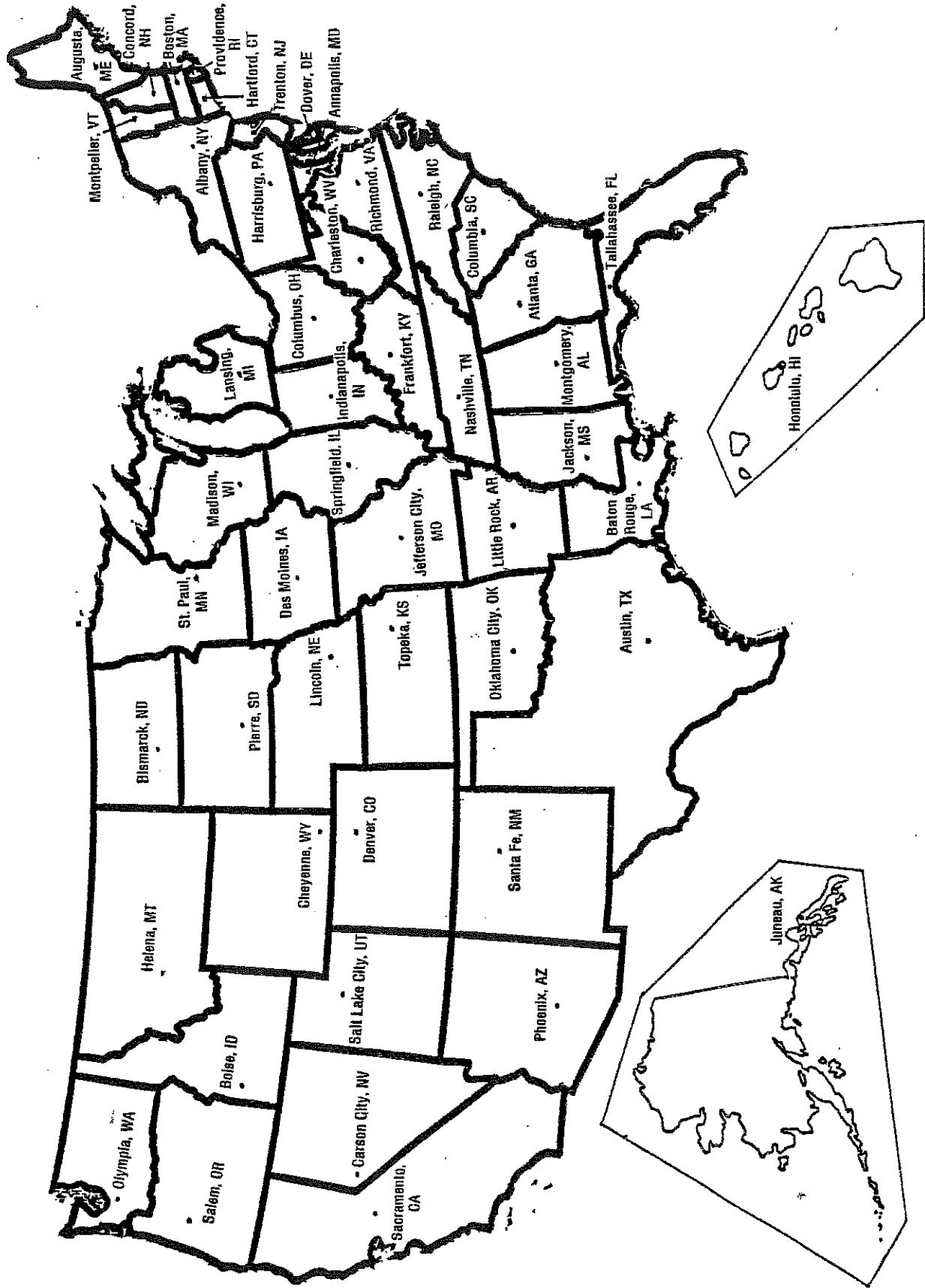
There are many fun ways to learn this. Check out the websites listed below for some activities, or find your own! You may also use the attached maps for reference and study.

<http://www.ilike2learn.com/ilike2learn/unitedstates.html>

http://www.sheppardsoftware.com/USA_Geography/USA_G0_click_1024.html

http://squishlogic.com/documents/USA_largeFlashCards.pdf

U.S. MAP WITH STATES AND CAPITALS



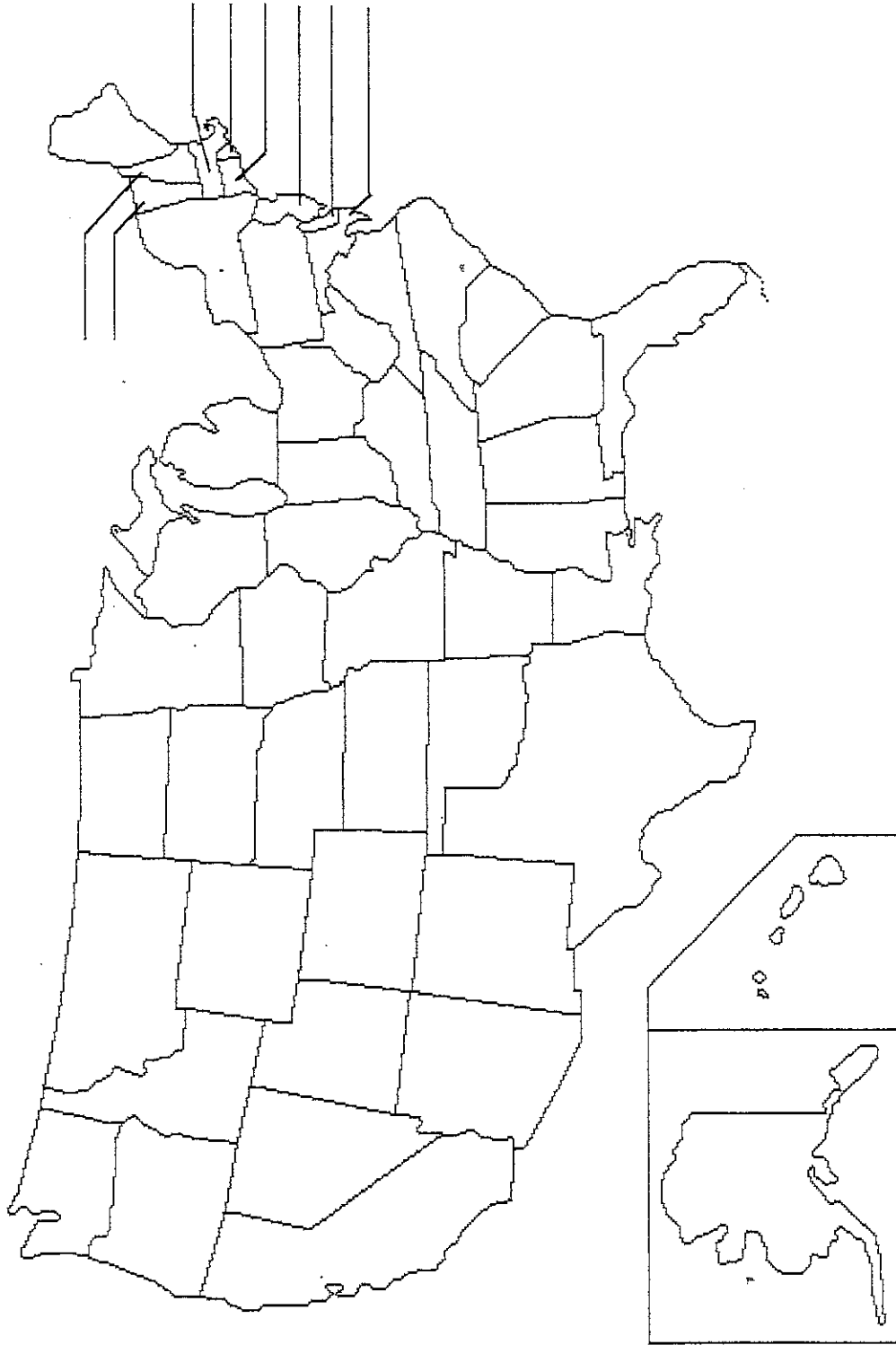
ALPHABETICAL LISTING OF STATES

STATE	CAPITAL	ABBREVIATIONS
Alabama	Montgomery	AL
Alaska	Juneau	AK
Arizona	Phoenix	AZ
Arkansas	Little Rock	AR
California	Sacramento	CA
Colorado	Denver	CO
Connecticut	Hartford	CT
Delaware	Dover	DE
Florida	Tallahassee	FL
Georgia	Atlanta	GA
Hawaii	Honolulu	HI
Idaho	Boise	ID
Illinois	Springfield	IL
Indiana	Indianapolis	IN
Iowa	Des Moines	IA
Kansas	Topeka	KS
Kentucky	Frankfort	KY
Louisiana	Baton Rouge	LA
Maine	Augusta	ME
Maryland	Annapolis	MD
Massachusetts	Boston	MA
Michigan	Lansing	MI
Minnesota	St. Paul	MN
Mississippi	Jackson	MS
Missouri	Jefferson City	MO
Montana	Helena	MT
Nebraska	Lincoln	NE
Nevada	Carson City	NV
New Hampshire	Concord	NH
New Jersey	Trenton	NJ
New Mexico	Santa Fe	NM
New York	Albany	Ny
North Carolina	Raleigh	NC
North Dakota	Bismarck	ND
Ohio	Columbus	OH
Oklahoma	Oklahoma City	OK
Oregon	Salem	OR
Pennsylvania	Harrisburg	PA
Rhode Island	Providence	RI
South Carolina	Columbia	SC
South Dakota	Pierre	SD
Tennessee	Nashville	TN
Texas	Austin	TX
Utah	Salt Lake City	UT
Vermont	Montpelier	VT
Virginia	Richmond	VA
Washington	Olympia	WA
West Virginia	Charleston	WV
Wisconsin	Madison	WI
Wyoming	Cheyenne	WY

Do You Know Your 50 States?

Label each of the states on the map with its abbreviation. The states are listed in alphabetical order to the right with their abbreviations. Good luck.

Name _____



STATES

Alabama.....	AL
Alaska.....	AK
Arizona.....	AZ
Arkansas.....	AR
California.....	CA
Colorado.....	CO
Connecticut.....	CT
Delaware.....	DE
Florida.....	FL
Georgia.....	GA
Hawaii.....	HI
Idaho.....	ID
Illinois.....	IL
Indiana.....	IN
Iowa.....	IA
Kansas.....	KS
Kentucky.....	KY
Louisiana.....	LA
Maine.....	ME
Maryland.....	MD
Massachusetts.....	MA
Michigan.....	MI
Minnesota.....	MN
Mississippi.....	MS
Missouri.....	MO
Montana.....	MT
Nebraska.....	NE
Nevada.....	NV
New Hampshire.....	NH
New Jersey.....	NJ
New Mexico.....	NM
New York.....	NY
North Carolina.....	NC
North Dakota.....	ND
Ohio.....	OH
Oklahoma.....	OK
Oregon.....	OR
Pennsylvania.....	PA
Rhode Island.....	RI
South Carolina.....	SC
South Dakota.....	SD
Tennessee.....	TN
Texas.....	TX
Utah.....	UT
Vermont.....	VT
Virginia.....	VA
Washington.....	WA
West Virginia.....	WV
Wisconsin.....	WI
Wyoming.....	WY

U.S. States & Capitals

Name: _____ Date: _____



Write the name of the capital for each state.

- | | | | |
|---------------------|-------|---------------------|-------|
| (1) Alabama | _____ | (2) Alaska | _____ |
| (3) Arizona | _____ | (4) Arkansas | _____ |
| (5) California | _____ | (6) Colorado | _____ |
| (7) Connecticut | _____ | (8) Delaware | _____ |
| (9) Florida | _____ | (10) Georgia | _____ |
| (11) Hawaii | _____ | (12) Idaho | _____ |
| (13) Illinois | _____ | (14) Indiana | _____ |
| (15) Iowa | _____ | (16) Kansas | _____ |
| (17) Kentucky | _____ | (18) Louisiana | _____ |
| (19) Maine | _____ | (20) Maryland | _____ |
| (21) Massachusetts | _____ | (22) Michigan | _____ |
| (23) Minnesota | _____ | (24) Mississippi | _____ |
| (25) Missouri | _____ | (26) Montana | _____ |
| (27) Nebraska | _____ | (28) Nevada | _____ |
| (29) New Hampshire | _____ | (30) New Jersey | _____ |
| (31) New Mexico | _____ | (32) New York | _____ |
| (33) North Carolina | _____ | (34) North Dakota | _____ |
| (35) Ohio | _____ | (36) Oklahoma | _____ |
| (37) Oregon | _____ | (38) Pennsylvania | _____ |
| (39) Rhode Island | _____ | (40) South Carolina | _____ |
| (41) South Dakota | _____ | (42) Tennessee | _____ |
| (43) Texas | _____ | (44) Utah | _____ |
| (45) Vermont | _____ | (46) Virginia | _____ |
| (47) Washington | _____ | (48) West Virginia | _____ |
| (49) Wisconsin | _____ | (50) Wyoming | _____ |