

Richard St. Barbe Baker Afforestation Area

Afforestation is the planting of trees upon land which have not contained trees.

Reforestation, on the other hand, is the restoration of an existing **forest** which has been depleted, usually because of deforestation.

Deforestation is the **removal** of a forest to make use of the land as farms, ranches, or neighbourhoods

“if the armies of the world could be redeployed in planting in the Sahara **desert**, in eight years a hundred million people could be rehabilitated and supplied with protein-rich food grown from virgin sand. If we could only accept the **challenge** and make that a One **World** Purpose, this would unite East and West and be the scientific and physical answer to the world's dilemma.” Richard St. Barbe Baker.

One hectare is 100 meters by 100 meters. About two football fields in area.

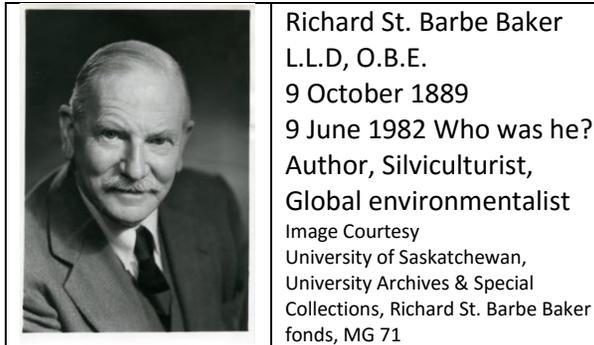


Each **seedling** must be two meters away from each other on all sides. As a “Man of the Trees” Scout, can you figure out how many seedlings to plant in each hectare to provide trees in the area?

1/ How many seedlings will be in each row?

2/ How many rows will there be to fill up an empty one **hectare** area?

3/ How many seedlings will be planted in the area?



4/ What **flies** forever through Richard St. Barbe Baker woodlands and never rests?

5/ I am not an airplane, but I fly through the sky.

I am not a river but I am full of **water**.

What am I?

6/ What kind of a bush does a fox sit under during a **rainstorm**?

7/ Mr. and Mrs. Jack **Rabbit** have six children who are boy rabbits. Each boy rabbit has two sisters. How many children are there in the rabbit family.

A silviculturist looks after trees in forests rather like a “tree or forest **doctor**”. They focus on keeping the trees healthy and growing identifying forest problems, tree diseases, and pests.

A forester plans and manages all aspects of creating forests, their management, uses, conservation, and repair. Foresters are also concerned with how forests are used by **humans**.

8/ Is this statement true or false. All Silviculturists are foresters but not all foresters are silviculturists.

9/ Six squirrels worked hard to gather pine cones into their hole in the tree. The squirrels worked so fast the **number** of pine cones in the hole in the tree doubled at the end of every minute. The hole was completely full at the end of ten minutes. How many minutes had it taken to get the hole half full?

Answers. 10/A hole in the ground. 11/ You would see three deers standing in a line. One would be in front of the other two, one would be behind the other two, and one would be in the middle. Word Search Puzzle Answers.

(Over, Down, Direction) BAKER(14, 3, W)
CHALLENGE(3, 1, S) DESERT(8, 2, E)
DOCTOR(5, 9, NE) FLIES(6, 6, NE)
FOREST(1, 6, N) HECTARE(14, 1, W)
HUMANS(2, 1, S) NUMBER(4, 1, SE)
RABBIT(14, 2, SW) RAINSTORM(6, 1, SE)
REMOVAL(10, 9, NW) SEEDLING(15, 5, SW)
WATER(8, 9, NW) WORLD(15, 10, N)
13/Jackrabbit. 13/Crow 14/Fawn
(White Tail deer) 15/(Black Capped)
Chickadee 16/Porcupine 17/Waxwing
18/Buck (White Tail Deer) 19/Mule
Deer (see huge ears). Order of
images 17-14, 18-19, 15-13, 16-12.

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Word Search Puzzle

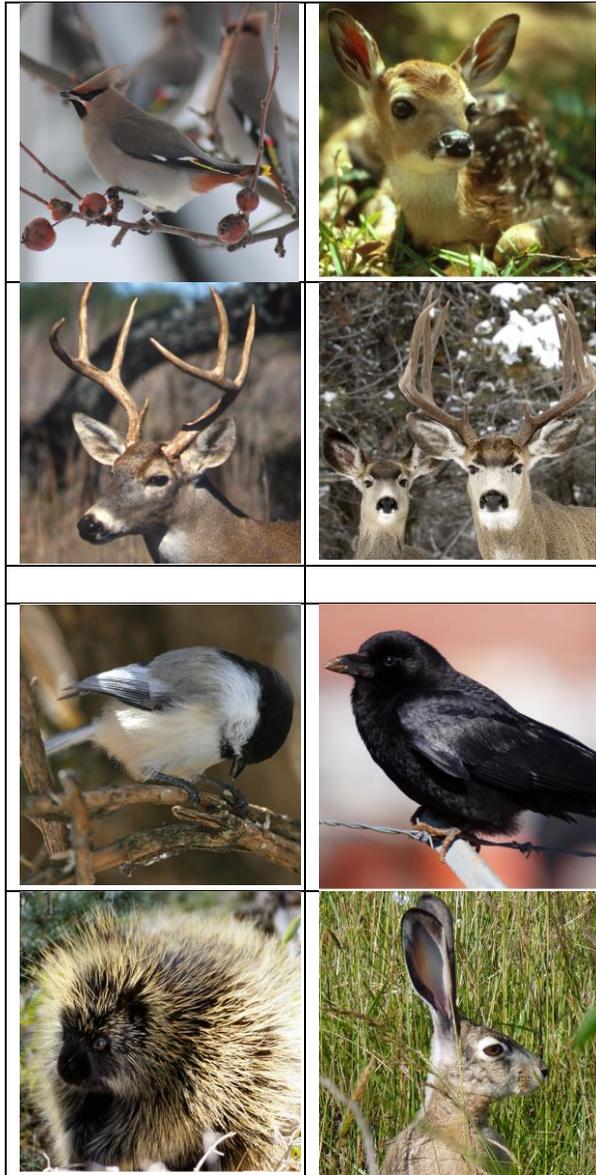
Uses the bold underlined words

T H C N N R M E R A T C E H N
S U H F U O A D E S E R T R B
E M A L Z M M I E R E K A B Z
R A L M A C B I N R H B I G I
O N L R Z V L E O S B E D P S
F S E T E F O T R I T L S E D
D N N C H T C M T D T O E E L
B Z G W Z O A N E K S D R L R
A G E K D A T W A R L E J M O
W M V U U G B P Z I D L U S W
G G A H U V W L N T B D W Y F
T G M U N I G G A O F S F N H
D M J T S Z M B I X P C G G M
Z H K N U D E S Y U E W H Q F
A Y I F G F E Z K P S R P F N

10/What grows bigger the more you take from it?

11/ If you were to see a deer in front of two deers, a deer behind two deers, and a deer between two deers, how many deers would you see altogether?

Answers. 1/50 2/50 3/2500 4/ The Wind. 5/ A Cloud.6/ A Wet One 7/There are eight children altogether in the Rabbit Family, six boys and two girls. Each boy rabbit has two sisters – but they are the same two. 8/ True 9/ If the number of pine cones in the tree hole doubled at the end of every minute, the hole must have been half full in nine minutes. Then, after one more minute, the half would be doubled, thus filling the other half of the hole in the tree.



Unmix and Match.

Unscramble the name of each animal, then match the picture to the correct name. Place the number of the name beside each animal.

- 12/ AABBCJKIRT _____
- 13/ CORW _____
- 14/ AFNW _____
- 15/ ACCDEEHK _____
- 16/ CEINOPPRU _____
- 17/ AIGNWWX _____
- 18/ BCKU _____
- 19/ DEELMRU _____

Stand firm. Grip hard.

Thrust upward to the skies.

Bend to the winds of heaven.

And learn tranquility.

Richard St. Barbe Baker
What did he do? He
Founded the
international groups
"Men of the Trees" and
"Children of the Green
Earth." Image Courtesy
University of Saskatchewan,
University Archives & Special
Collections, Richard St. Barbe Baker
fonds, MG 71



From our Hearts

With our Hands,

To the Earth

All the world together

