

Worksheet 1.2

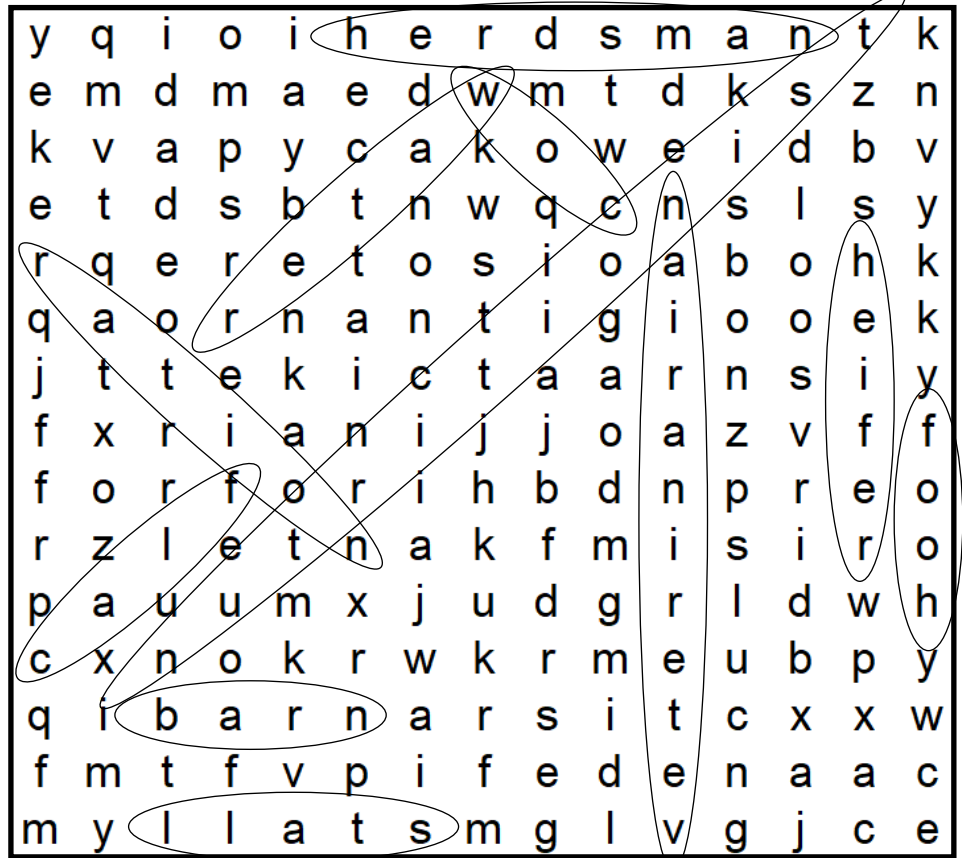
Name: _____

Date: _____

WORD SEARCH

Find these words in the puzzle.
Words can be written up, down,
forward, backward and diagonally.

- COW
- HEIFER
- CALF
- FARMER
- VETERINARIAN
- NUTRITIONIST
- HERDSMAN
- STALL
- BARN
- HOOF
- RATION
- WATER



1. Describe three ways dairy farmers care for their cows: (Sample Answers)

1. Feed them and provide them with a continuous supply of water. _____
2. Provide a comfortable, clean place for them to live _____
3. Milk them 2 to times a day, everyday _____
4. Treat them when they are sick. _____

2. What is the cow's doctor called?

Veterinarian _____

3. What is the name of the farm employee who takes care of the cows?

Herdsperson or Herdsman _____

4. What is the name of the special mix of feed cows eat?

Total Mixed Ration or TMR _____

Worksheet 1.3

Name: _____

Date: _____

1. Dairy farmers track each individual cow's health history from the day she is born. Record each cow's health history in the chart below by calf birth date.

Cow 1

BESSIE (Number 11)
Born: Jan. 22, 2015
Had Baby Calf: Jan. 23, 2020
Vaccinated: June 20, 2020
lbs. of Milk: 100 pounds/day

Cow 2

CARLIE (Number 18)
Born: Sept. 18, 2016
Had Baby Calf: May 1, 2020
Vaccinated: June 20, 2020
lbs. of Milk: 82 pounds/ day

Cow 3

DEBBIE (Number 21)
Born: July 24, 2017
Had Baby Calf: Mar. 9, 2020
Vaccinated: June 20, 2020
lbs. of Milk: 94 pounds/ day

Cow 4

SUZIE (Number 5)
Born: Dec. 20, 2013
Had Baby Calf: Feb. 6, 2020
Vaccinated: June 20, 2020
lbs. of Milk: 75 pounds/ day

Name	Number	Date of Birth	Date Calf Born	Vaccination Date	Pounds of Milk
Alice (example)	2	April 29, 2017	May 30, 2020	June 20, 2020	110 pounds/day
Bessie	11	January 22, 2015	January 23, 2020	June 20, 2020	100 lbs/day
Suzie	5	December 20, 2013	February 6, 2020	June 20, 2020	75 lbs/day
Debbie	21	July 24, 2017	March 9, 2020	June 20, 2020	94 lbs/day
Carlie	18	September 18, 2016	May 1, 2020	June 20, 2020	82 lbs/day

2. Calculator Math Exercise: If one cow eats 90 pounds of feed a day, drinks 50 gallons of water and produces 60 pounds of milk, calculate how much the dairy farms below produce.

Dairy Farm Name	Number Cows	Total Amount of Feed per Day	Total Amount of Water per Day	Total Amount of Milk per Day	Challenge: Total Gallons per Day
One Cow Dairy	1 cow	90 pounds	50 gallons	60 pounds	7 gallons
Smith Dairy Farm	50 cows	4,500 pounds	2,500 gallons	3,000 pounds	348.8 gallons
Sunshine Dairy	77 cows	6,930 pounds	3,850 gallons	4,620 pounds	537.2 gallons
Mountain View Farm	230 cows	20,700 pounds	11,500 gallons	13,800 pounds	1,604.7 gallons
Lotta Milk Farms	880 cows	79,200 pounds	44,000 gallons	52,800 pounds	6,139.5 gallons

Note for Teachers: Answer Key to Worksheets found online at www.discoverdairy.com