

NAME: _____

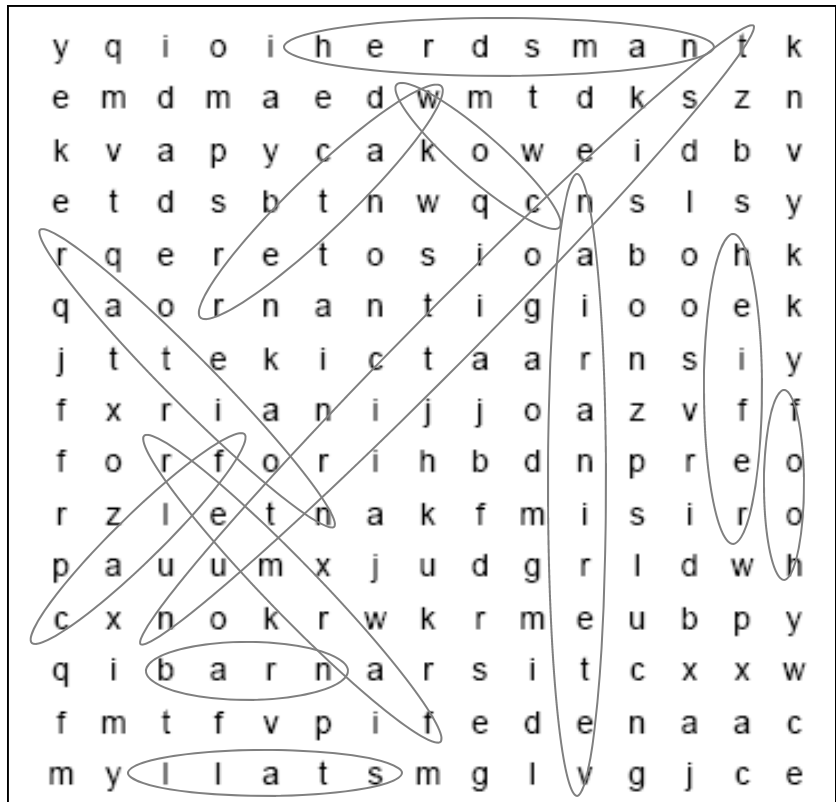
WORKSHEET 1.1

"Makin' Cows Smile"

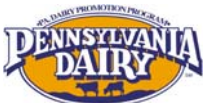
WORD SEARCH

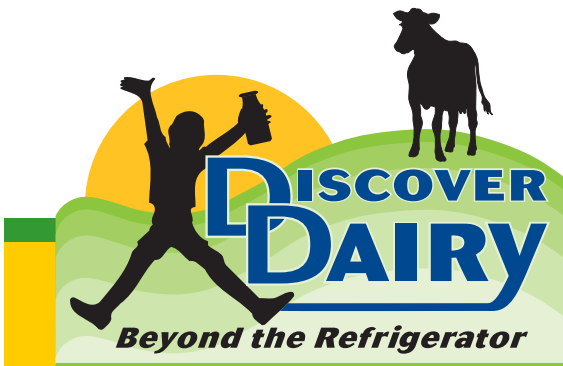
Find these words in the puzzle to the right. Words can be written up, down, forward, backward and diagonally.

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



- ◆ Name three ways dairy farmers care for their cows: *(accept any of the following)*
 1. They feed them a well balanced diet; They give them fresh water
 2. They give them a clean, comfortable place to live; give them well-bedded stalls
 3. They provide regularly care and veterinarian check-ups
- ◆ What is the cow's doctor called? Veterinarian
- ◆ What is the name of the farm employee who takes care of the cows? Herdsperson
- ◆ What is the name of the special mix of feed cows eat? Ration, Well-balanced Ration, Total Mixed Ration





WORKSHEET 1.2

"Makin' Cows Smile"

Dairy farmers track each individual cow's health history from the day she is born. Record each of these cows' health history in the chart below:

BESSIE (Number 5)
 Born: Jan. 22, 2006
 Had Baby Calf: Jan. 23, 2008
 Vaccinated: June 20, 2008
 Milks: 100 pounds/day

CARLIE (Number 18)
 Born: Sept. 18, 2005
 Had Baby Calf: Aug. 1, 2008
 Vaccinated: June 20, 2008
 Milks: 82 pounds/day

DEBBIE (Number 12)
 Born: July 24, 2005
 Had Baby Calf: Aug. 5, 2008
 Vaccinated: June 20, 2008
 Milks: 94 pounds/day

SUZIE (Number 21)
 Born: Dec. 20, 2004
 Had Baby Calf: Nov. 5, 2008
 Vaccinated: June 20, 2008
 Milks: 75 pounds/day

Name	Number	Date of Birth	Date Calf Born:	Vaccination Date:	Pounds of Milk
Alice (example)	2	April 29, 2003	May 30, 2008	June 20, 2008	110 pounds/day
Bessie	5	Jan. 22, 2006	Jan. 23, 2008	June 20, 2008	100 pounds/day
Carlie	18	Sept. 18, 2005	Aug. 1, 2008	June 20, 2008	82 pounds/day
Debbie	12	July 24, 2005	Aug. 5, 2008	June 20, 2008	94 pounds/day
Suzie	21	Dec. 20, 2004	Nov. 5, 2008	June 20, 2008	75 pounds/day

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 Milk 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	350 gallons
Sunshine Dairy	77 cows	6,930 pounds	3,850 gallons	4,620 pounds	539 gallons
Mountain View Farm	230 cows	20,700 pounds	11,500 gallons	13,800 pounds	1,610 gallons
Lotta Milk Farms	880 cows	79,200 pounds	44,000 gallons	52,800 pounds	6,160 gallons

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

