Veterinary Science Answer Key

Project Online
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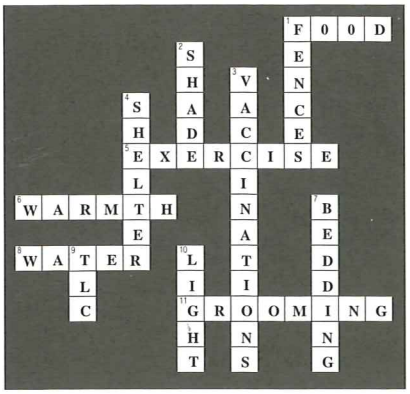
Activity Answers

Level 1

Basic Needs (p8)



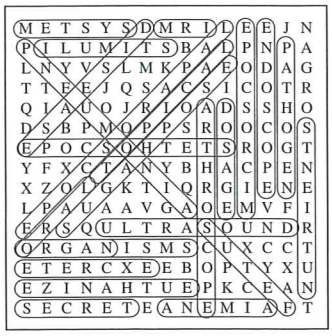
Pet Safety Patrol (p20)

All situations were dangerous, so all should be circled.

Cool Tools (p28)

1. g
2. k
3. i
4. l
5. o
6. b
7. h
8. n
9. c
10. e
11. j
12. f
13. a
14. d
15. m

Doc Talk 1 Word Find (p35)



Systems Check Word Match (p14)

System	Organ
Cardiovascular	Heart Veins Arteries Spleen Lymphs
Integumentary	**Skin** Hair
Digestive	**Mouth** Esophagus Stomach Intestine Rectum Liver
Sense Organs	**Nose** Eyes Ears **Mouth** **Nerves** **Skin**
Respiratory	Lungs **Nose** Trachea
Urogenital	Kidney Testicle Ovary Uterus Bladder
Musculoskeletal	Skeleton Muscle
Nervous	Brain **Nerves**
Endocrine	Glands

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Level 2

The Defense Department (p12)

1. E
2. G
3. A
4. F
5. H
6. C
7. B
8. D

When Good Feeds Go Bad (p22)

Jars with feeds high in sugars with water added, tight lid and extra warmth should have molded, fermented or spoiled fastest. Good feed storage involves keeping feeds dry, well ventilated and cool.

You Do the Math (p26)

1. chemistry
2. physics
3. math
4. biology
5. physics
6. math
7. physics
8. biology and math

Booster Shots (p27)

The cat requires 0.5 ml of antibiotic.

Adding 4000 ml of water to the 1000 ml of 50 mg/ml solution gives a final 5000 ml of the desired 10 mg/ml solution.

*Bio*Security Blanket (p14)

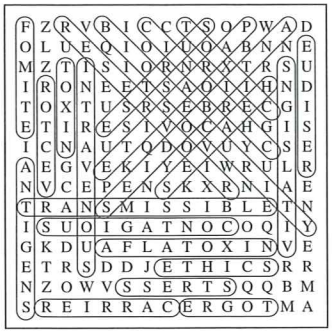
1. One domino knocking down another is similar to an effective contact between animals. You can make all of the dominos fall in sequence if they are arranged in a row. This is similar to rapid disease transmission through the herd.

2. To prevent a particular domino from falling down, move it out of the row (provide physical separation) or do not knock down the first domino (prevent introduction of the disease). If the workspace (living quarters) is small, it is difficult to prevent a falling domino from knocking other dominos down (crowding increases disease transmission).

3. No dominos fall if the first domino is prevented from falling (i.e. preventing introduction of the disease). Dominos are less likely to fall if something like tape is used to stabilize them (increasing resistance through using vaccines, good nutrition, etc.).

Some points to consider: not all contacts are effective (e.g. if the dominos touch but the second domino doesn't fall); the easiest way to keep a domino from falling is to separate it from the row (i.e. prevent effective contact by physical separation); the more dominos there are within a space, the harder it is to apply physical separation.

Doc Talk 2 Word Find (p35)



Level 3

TherioWHAT? (p8)

1. G
2. K
3. A
4. I
5. C
6. E
7. B
8. K
9. H
10. D
11. F
12. L

May the Best Gene Win (p10)

K1 = 14
K2 = 14
K3 = 14
K4 = 13
K5 = 17
K6 = 16
K7 = 11
K8 = 10

It's Raining Cats and Dogs (p22)

Total number of cats after two years is:
12 + 16 + 8 + 8 = 48 cats (plus original mother and father cats)

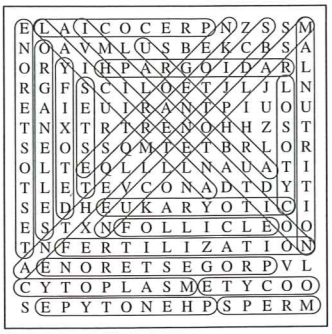
All in a Day's Work (p26)

1. Military veterinarian
2. Teaching hospital veterinarian
3. Large animal veterinarian
4. Companion animal veterinarian
5. Equine veterinarian
6. Zoo animal veterinarian
7. Exotic animal veterinarian
8. Public health veterinarian
9. Research veterinarian

Getting Technical (p30)

1. f
2. g
3. h
4. i
5. s
6. a
7. j
8. c
9. d
10. b
11. n
12. q
13. r
14. k
15. t
16. u
17. l
18. m
19. p
20. o
21. e

Doc Talk 3 Word Find (p35)



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