

ANSWER KEY

Additional answers available at the Project Online website.

Level 1

Pieces & Parts (p.10)

- | | |
|----------------|-------------|
| 1. crest | 12. cheek |
| 2. elbow | 13. flank |
| 3. nostril | 14. muzzle |
| 4. stifle | 15. knee |
| 5. fetlock | 16. gaskin |
| 6. hock | 17. cannon |
| 7. pastern | 18. loin |
| 8. hoof | 19. back |
| 9. throatlatch | 20. withers |
| 10. croup | 21. arm |
| 11. poll | 22. barrel |

Can We Talk? (p. 23)

- | | |
|-------------|---------------|
| 1. angry | 4. happy |
| 2. worried | 5. aggressive |
| 3. sleeping | 6. frightened |

Level 2

No Bones About It (p.6)

- | | | | | |
|------|-------|-------|-------|-------|
| 1. c | 7. d | 13. f | 19. k | 25. x |
| 2. v | 8. w | 14. t | 20. s | 26. g |
| 3. b | 9. z | 15. h | 21. q | |
| 4. r | 10. a | 16. i | 22. n | |
| 5. p | 11. j | 17. e | 23. l | |
| 6. o | 12. m | 18. y | 24. u | |

Limp or Lump (p.8)

Photos

- | | |
|---------------------|------------------|
| 1. hindquarter scar | 4. heel scar |
| 2. ring bone | 5. t-pin lateral |
| 3. proud flesh | 6. splints |

Time to Hoof It (p.22)

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

Bad Hair Day (p.24)

- | | | | | |
|------|------|------|------|------|
| 1. H | 3. F | 5. G | 7. E | 9. C |
| 2. D | 4. I | 6. A | 8. B | |

Making a Point (p.28)

Class: Mares

I placed this class of aged mares 2 – 3 – 4 – 1. I placed 2 over 3 in my top pair because 2 has a slightly more refined head, better definition in the withers and stronger back. I grant 3 has better expression of muscle in the quarter and gaskin.

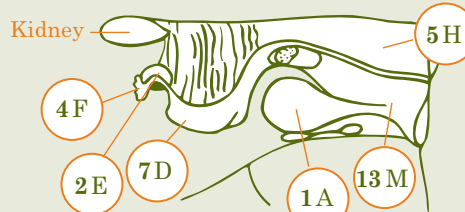
Going to the middle pair, I placed 3 over 4 because 3 has a more sloping shoulder, better angled pasterns to absorb shock and travels in a long true stride. I admit 4 has a better back.

I placed 4 over 1 because 4 has a more refined head, straighter front legs and a shorter, stronger back. I realize 1 has a better sloping shoulder. However, I faulted 1 and placed it last because it has the least refined head, knee-sprung legs, paddles when it travels and is too thin.

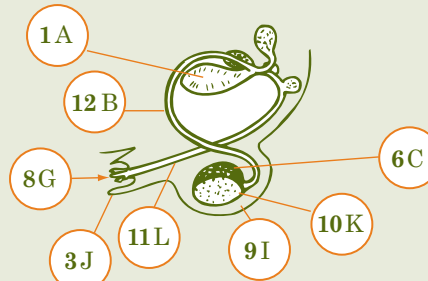
Level 3

Repro Roundup (p.6)

Mare Reproductive Tract



Stallion Reproductive Tract



Fishing the Gene Pool (p.10)

Punnet Square 1

	H	H
N	HN	HN
N	HN	HN

One parent is homozygous for the gene and one is homozygous negative for the gene.

% that carry the "H" gene = 100% of offspring

Punnet Square 2

	H	N
N	HN	NN
N	HN	NN

Mating between one homozygous negative parent and one heterozygous parent that carries the gene:

50% of offspring will carry the gene.
50% will not carry the gene.

Punnet Square 3

	H	N
H	HH	HN
N	HN	NN

Mating between two heterozygous parents:

25% of offspring will be homozygous for the gene (and clinically affected)

50% will be heterozygous for the gene (and affected)

25% will be homozygous negative (and unaffected and will not pass or carry the gene)

Level 4

The Right Tack (p.6)

Western Saddle

- | | | | |
|------|------|------|-------|
| 1. i | 4. d | 7. k | 10. j |
| 2. a | 5. f | 8. e | 11. g |
| 3. h | 6. c | 9. b | |

English Saddle

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

English Bridle

- | | | | |
|------|------|------|------|
| 1. c | 3. e | 5. d | 7. a |
| 2. b | 4. g | 6. f | |

Western Bridle

- | | | | |
|------|------|------|------|
| 1. d | 3. g | 5. e | 7. c |
| 2. b | 4. f | 6. a | |

Level 5

(not applicable)



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