



## 2008 State Junior 4-H Horse Bowl

### Round 9

5. C1 Q. A Serotal hernia only occurs in what type of horse?  
A. Male  
S. Evans 168 880
6. C2 Q. Periosteum is a specialized bone producing membrane that is found where on the horse's body?  
A. Covering all bones (except at the joints)  
S. DET 209, Kainer 9 410
7. C3 Q. What is the name of the interference when a pacer hits the sole or shoe of a front foot with the diagonal rear foot?  
A. Cross-firing  
S. Evans 179, DET 73 620
8. C4 Q. Where on a horse is the curb groove located?  
A. The horse's lower jaw just behind the lower lip  
S. DET 75 400

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9. C1 Q. What is the term for the organ in the upper left abdomen near the stomach that stores red blood cells, breaks down old red blood cells, and assists the body in combating infection?
- A. Spleen
- S. DET 252, Lewis 404 440
10. C2 Q. What is the term for the condition where moisture and dirt cause a crusted, infectious skin inflammation that lifts that lifts that hair and removes it at its roots, and slips off in sections?
- A. Rain Rot
- S. DET 228 860
11. C3 Q. What is the name of the farrier tool that is used to draw down the clinches?
- A. Clinchers or clinching tongs
- S. HIH 530-3 900
12. C4 Q. What is the name of the Appaloosa coat pattern in which the horse has oval spots all over its body on a white coat?
- A. Leopard
- S. DET 167, Evans 34 300

**End One-On-One**

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**Begin Open Questions**

13. Q. What type of cinch is most widely used on a crossbuck or sawbuck pack saddle?
- A. Double-rigged cinch
- S. HIH 1125-3 1000
14. Q. Hackney ponies are divided into 2 divisions for showing. What are these divisions?
- A. Long-tail (harness) classes  
Cob-tail (hackney) classes
- S. Evans 63-64 200
15. Q. What is the name of this parasite that primarily affects nursing foals; the small adult worms in the small intestine can cause diarrhea and affect the foals looks, growth and behavior. Adult horses rarely have clinical problems from this parasite.
- A. Threadworms (Strongyloides)
- S. Lewis 158 835
16. Q. Which martingale combines the action of both the snaffle rein and draw reins?
- A. German martingale
- S. DET 120 1000



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21. Q. In the circulatory system, what is the small vessel in which the majority of exchange of substances between blood and tissue fluids occur?
- A. Capillaries
- S. DET 47, HIH 830-1 440
22. Q. What part of the horse's head does the hypoglossal nerve provide motor control?
- A. The tongue
- S. Kainer 78 420
23. Q. Name the fittings that go on an English saddle.
- A. Stirrup leathers, Stirrup irons and girth
- S. HIH 1100-3 1000

### Toss Up – Bonus Attached

24. Q. Two Part Question: What bone or joint does the unsoundness Osselets affect and what is the primary cause?
- A. Fetlock joint, caused by repeated concussion
- S. HIH 455-5 620

### Bonus Question

25. Q. Name 3 nutrients that good quality legume hay would be higher in, than good quality grass hay.
- A. Energy Calcium  
Protein Vitamin A  
Vitamin B
- S. HIH 750-3 700

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**Resume Open Questions**

26. Q. What general structure attaches the cannon bone to the splint bones?
- A. Ligament (interosseus ligament)
- S. DET 154 410
27. Q. When your horse is tied with a rope, what kind of knot should it be?
- A. Quick release knot
- S. YLM 201-2L 1000
28. Q. How many ribs does a horse have?
- A. 18 pairs (36) occasionally 19 pairs
- S. Kainer 8 400
29. Q. What are the names for a male and a female donkey?
- A. Jack (male) and Jenny (female)
- S. DET 157 200

**Last Question of the Round**

30. Q. Name 2 ways a horse loses water from its body.
- A. Urine, sweat, feces
- S. Evans 244 700