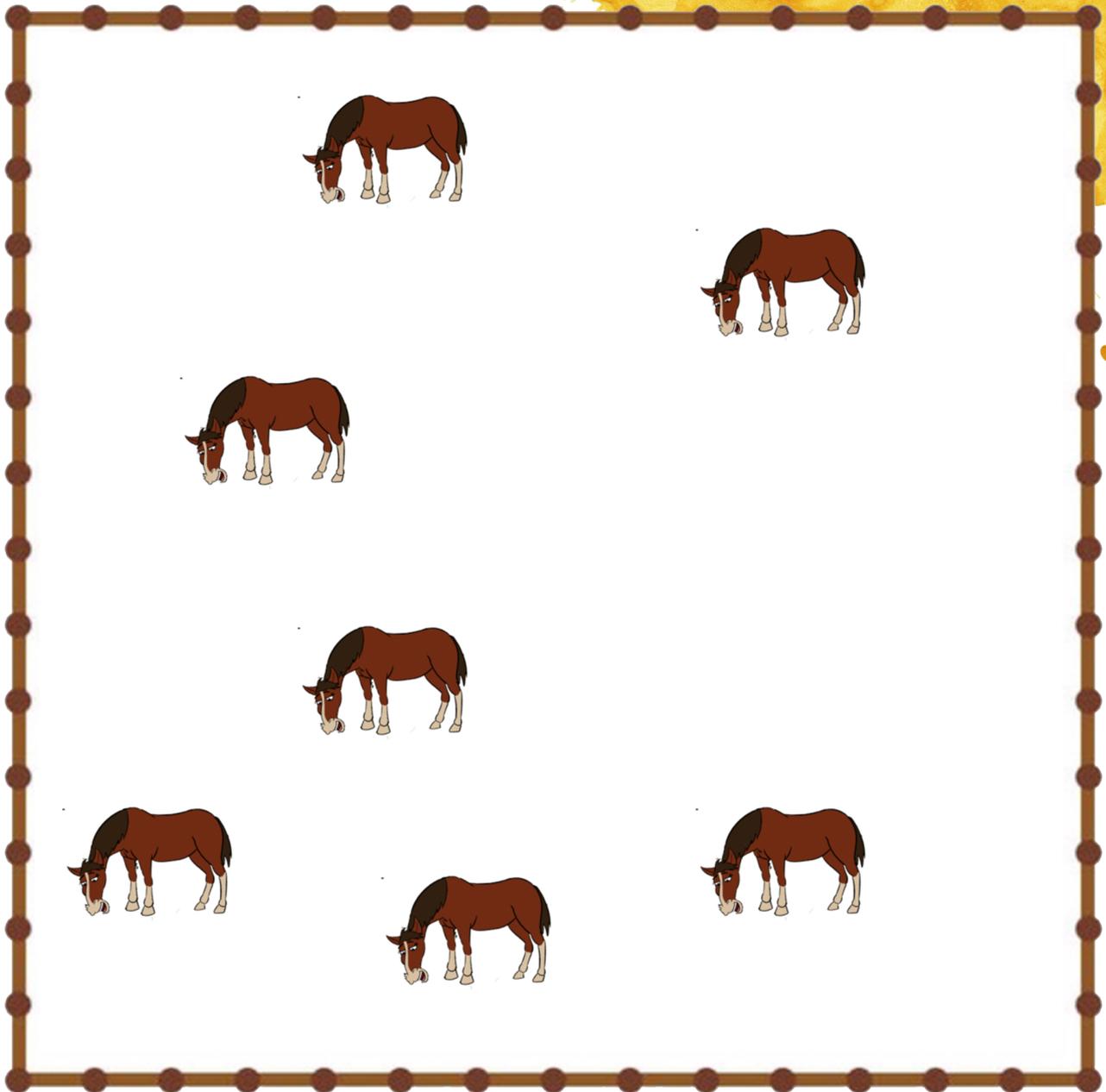


Brain Teasers

Use three straight lines to separate each horse into their own area.



How many seconds are in a year?

- a) 10086385994 b) 22240480857803093 c) 24 d) 12

You are running in a street marathon and you overtake the person in 2nd place.

What place are you now?

- a) 3rd b) 2nd c) 1st d) 4th

What can you break without touching it? _____

What goes up but never comes down? _____

Adverbs

An adverb is a word that describes or modifies a verb, adjective, or adverb. It tells you **how**, **when**, **where**, **to what extent** or **to what degree**.

Some adverbs tell you **how**. These adverbs usually end in **-ly**.

How well does she play the accordion?

She plays the accordion **splendidly**.

Some adverbs tell you **when**.

When will he perform?

He will perform **soon**.

Some adverbs tell you **where**.

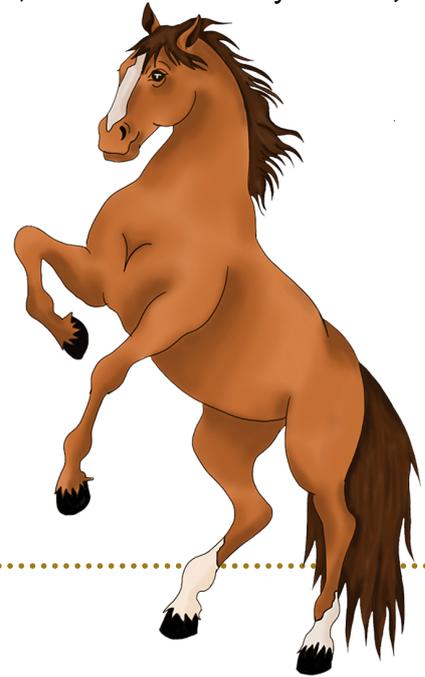
Where did she go?

She went **downstairs**.

Some adverbs tell you **to what extent or degree**.

To what extent or degree is he reasonable?

He is **not** reasonable.



Circle the three adverbs.

- a) The Extremely low temperature and unusually heavy rain have created dangerously icy conditions to go riding in.
- b) The day of the mounted games championship what terribly hot, and the temperature eventually drove spectators indoors to sit in front of the air conditioner.
- c) Although Anna last seen her saddle blanket in the tack shed, she could have easily left it elsewhere.

Select the two adverbs.

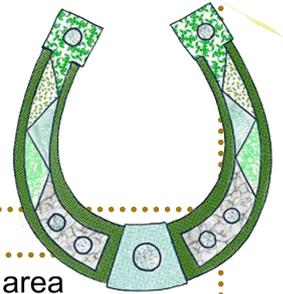
- a) Can the newly elected captain of the campdraft team convince his team to attend the costly championship that is being held in Queensland?

Long addition maths

Lia can buy model horses in packages of 3 for \$7.80 or in packages of 2 for \$5.90. How much money does she save by buying 24 model horses at the better price?

Working out area

Answer: _____



For a pony club fundraiser, Pam needs to sell 43 boxes of horse treats. So far, she has sold 8 boxes of carrot treats to her aunt, 11 boxes of mint treats to her mother, and 1 box of oatmeal and molasses to a neighbour. How many more boxes of Horse Treats does Pam need to sell?

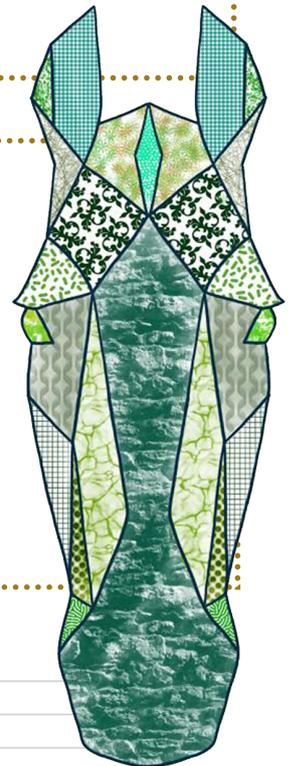
Working out area

Answer: _____

For breakfast, Joe bought a carrot for his horse for \$2.20 and a glass of orange juice for himself for \$1.05. At lunch, Joe spent \$3.15 on a sandwich and \$0.80 on a biscuit of hay for his horse. How much more money did Joe spend on lunch than on breakfast?

Working out area

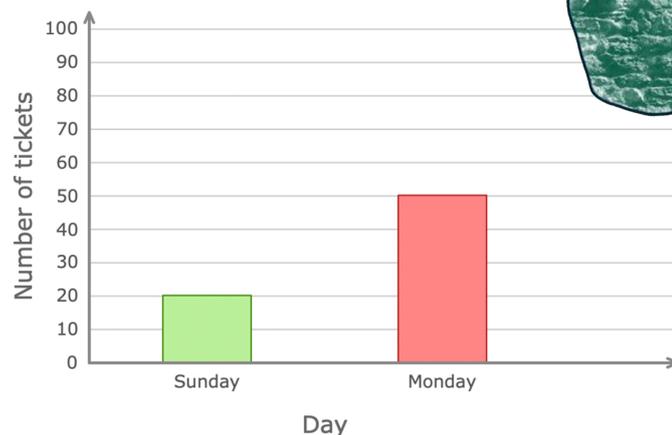
Answer: _____



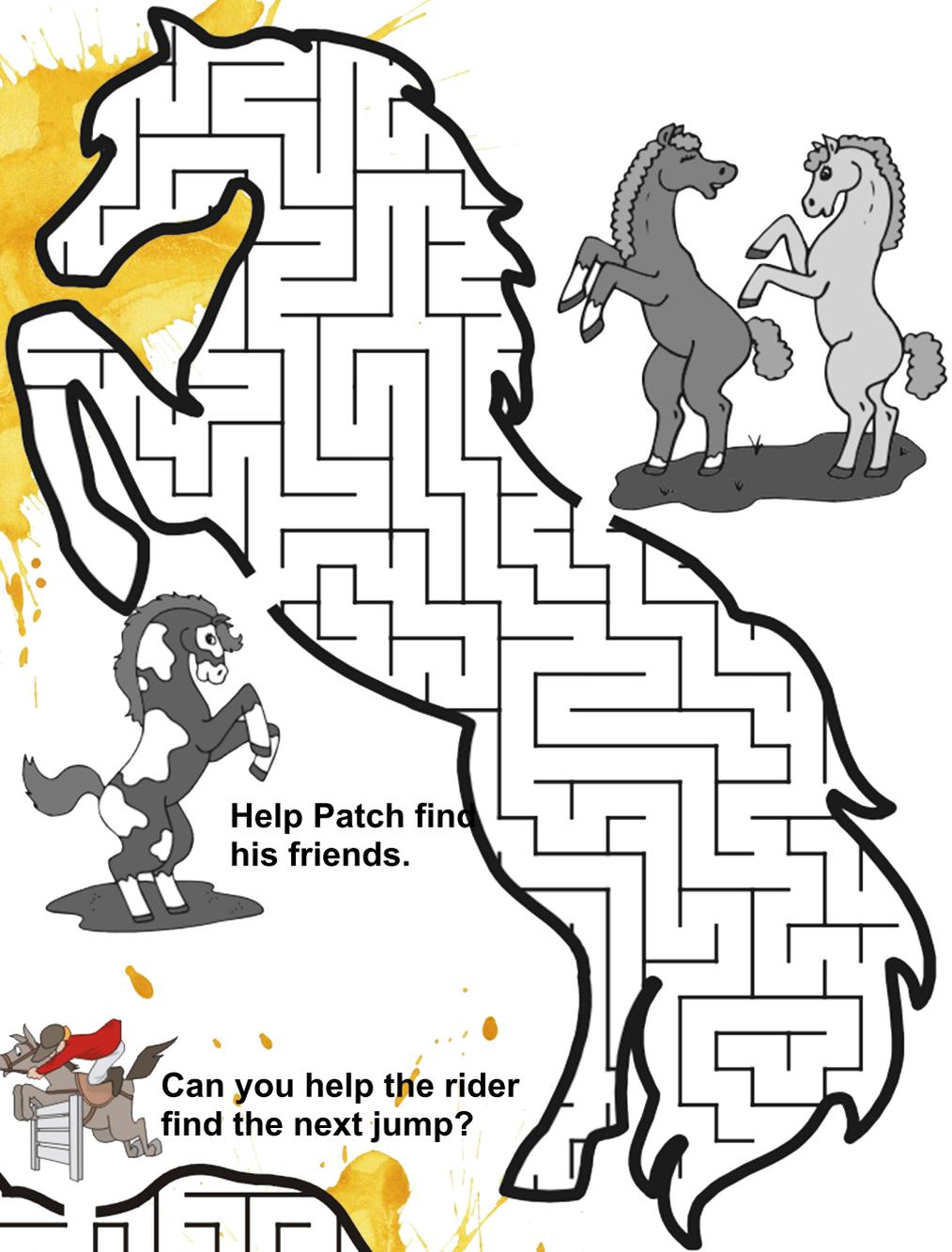
The Three Day Event records showed how many tickets were sold in the past 2 days.

- How many tickets were sold on Sunday?
- How many tickets were sold on Monday?
- How many tickets were sold over the two days?

Tickets sold



Horse Maze



Help Patch find his friends.



Can you help the rider find the next jump?

Mean, Median, Mode, Range



Mean:

The mean of a group of numbers is the average of the numbers.

eg. 3, 5, 6, 8, 13

- add all the numbers together ($3+5+6+8+13=35$)
 - divide the total (35) by the number of numbers added together (5) so $35 \div 5 = 7$
- The mean is 7.

Median:

The median of a group of numbers is the number that is exactly in the middle when the numbers are arranged numerically.

eg. 3, 5, 6, 8, 12

- if the set contains an odd number of numbers, the median is the middle number,
- the physical middle number is 6 The median is 6.5.
- if the set contains an even number of numbers, the median is still the middle
- eg., 3, 5, 6, 7, 8, 12
 $(6 + 7) \div 2 = 6.5$
The median is 6.5.

Mode:

The mode of a group of numbers is the number that appears most often.

eg. 3, 5, 5, 6, 8, 12

- the number that is the most common is 5 The mode is 5. (If there are several numbers that are tied for being the mode, then they are all the mode.)

Range:

The range of a group of numbers is the difference between the biggest number and the smallest number.

eg. 3, 5, 6, 8, 12

- subtract the biggest number (12) from the smallest number (3)
- $12 - 3 = 9$ The range is 9.

Question 1.

Nicole bought supplies for a class project and brought the receipt to school. The 8 items cost:

\$2.00, \$2.00, \$1.00, \$1.00, \$3.00, \$3.00, \$4.00, \$3.00

What was the range of the prices of the items?

Question 2.

Trent's school sold raffle tickets to raise money for new athletic equipment. By the end, 10 students sold:

5 tickets, 7 tickets, 2 tickets, 2 tickets, 5 tickets, 3 tickets, 3 tickets, 2 tickets, 6 tickets, 5 tickets

What was the median number of raffle tickets sold?

Question 3.

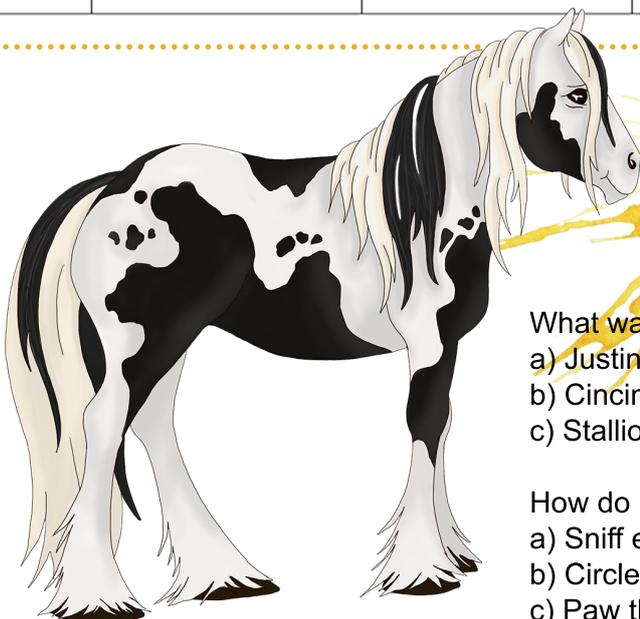
Students in Introductory Chemistry are recording the masses of samples as part of a lab experiment. For 8 samples, Ariana has recorded these masses:

4 grams, 6 grams, 6 grams, 2 grams, 6 grams, 6 grams, 2 grams, 1 gram

What is the mode of the masses?

Find the mean, median, mode and range in each of the sets of data.

1)	32, 37, 35, 34, 25, 41, 34		5)	126, 128, 107, 113, 120, 126	
order	25, 32, 34, 34, 35, 37, 41		order		
	Mean	Median		Mean	Median
	Mode	Range		Mode	Range
2)	102, 107, 99, 102, 111, 95, 91		6)	5.2, 4.9, 3.8, 3.4, 5.2, 4.5	
order			order		
	Mean	Median		Mean	Median
	Mode	Range		Mode	Range
3)	1.5, 2.2, 1.3, 2.8, 2.2		7)	0.24, 0.5, 0.09, 0.73, 0.24	
order			order		
	Mean	Median		Mean	Median
	Mode	Range		Mode	Range
4)	0.3, 0.9, 0.2, 0, 0.8, 0.9, 0.4		8)	2.9, 4.3, 3.5, 5.8, 2.9, 4.6	
order			order		
	Mean	Median		Mean	Median
	Mode	Range		Mode	Range



Horse Quiz

What is a centaur?

- a) Roman horse-soldier
- b) half man, half horse mythological creature
- c) favorite horse in a race

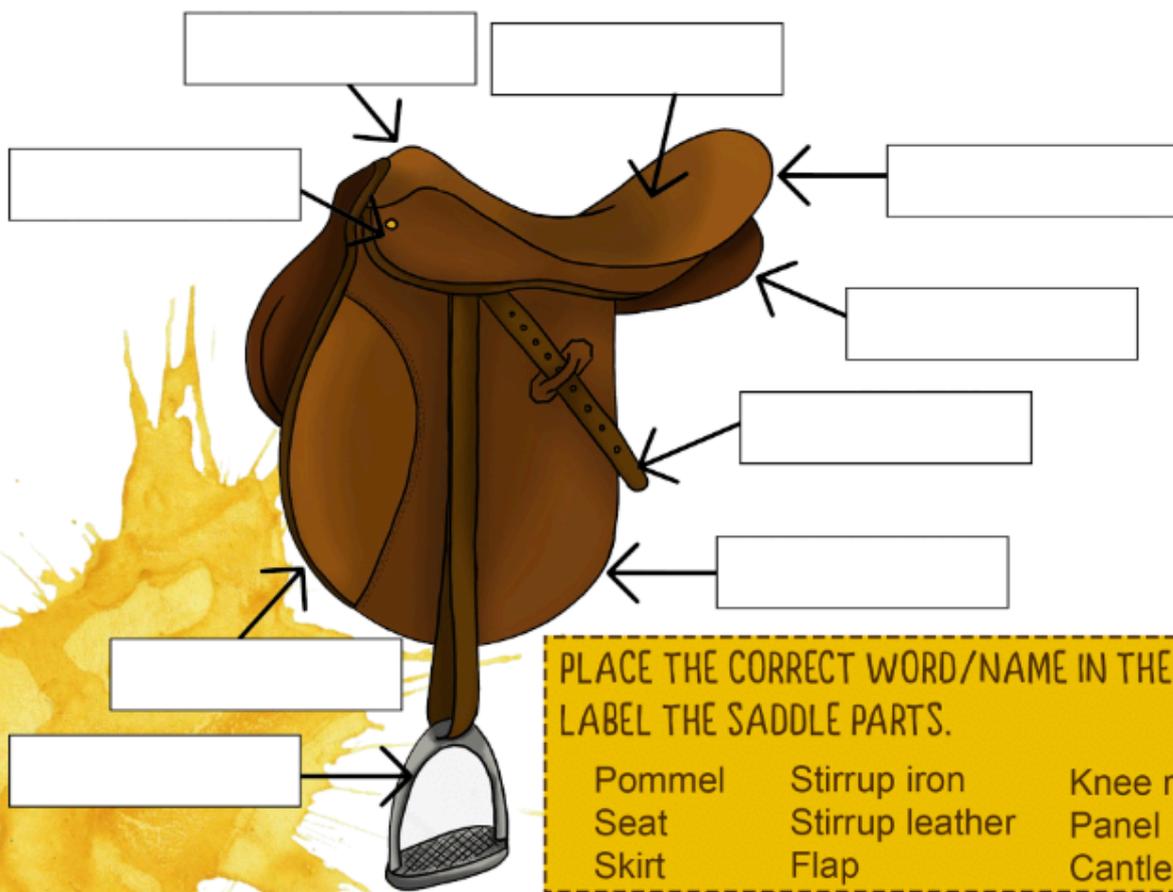
What was the only horse after which a breed was named?

- a) Justin Morgan
- b) Cincinnati
- c) Stallion

How do horses greet one another?

- a) Sniff each other's noses.
- b) Circle each other while swishing their tails.
- c) Paw the ground with their front feet.

Label the saddle

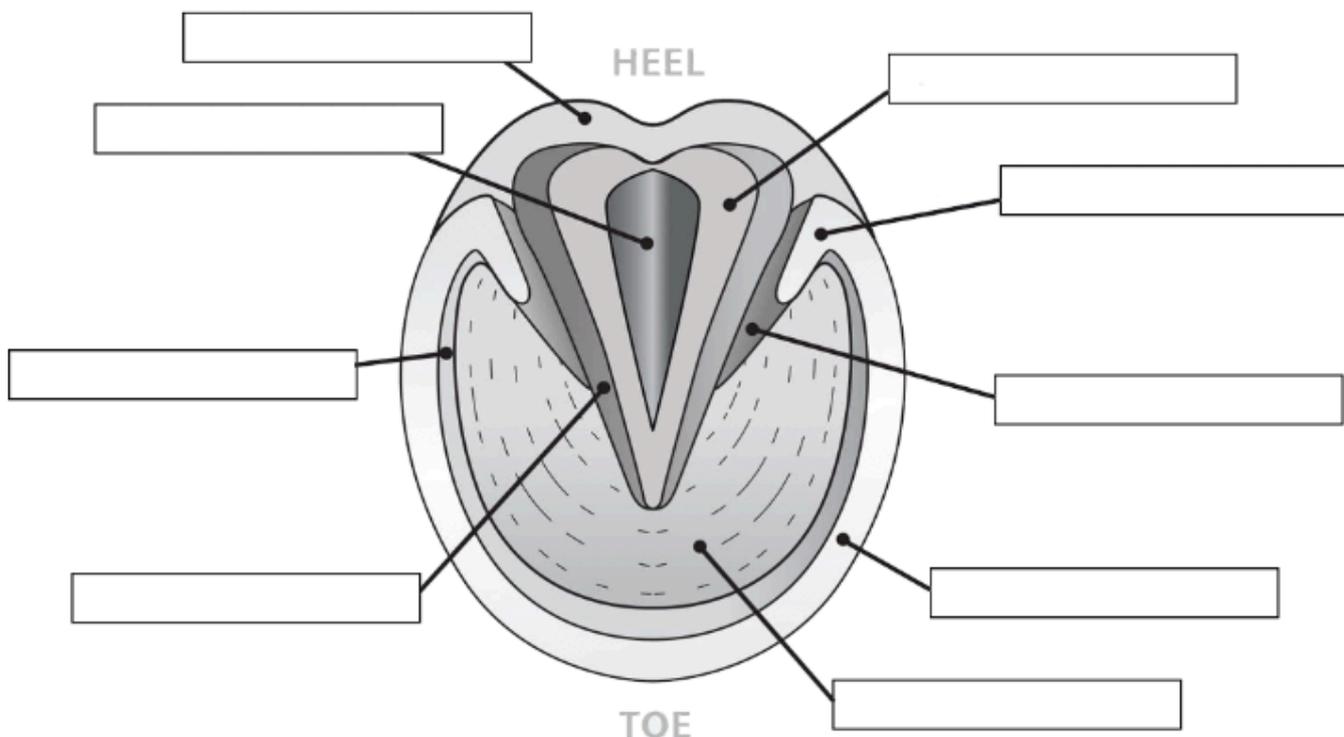


PLACE THE CORRECT WORD/NAME IN THE BOX TO LABEL THE SADDLE PARTS.

- | | | |
|--------|-----------------|-----------|
| Pommel | Stirrup iron | Knee roll |
| Seat | Stirrup leather | Panel |
| Skirt | Flap | Cantle |

Label the hoof

Heel bulbs, White line, Wall, Sole, Collateral groove, Bar, Angle of wall, Frog, Central groove of frog



Synonyms

A Synonym is a word or phrase that means exactly or nearly the same as another word or phrase in the same language, for example shut is a synonym of close.

Circle the correct synonym

- Q1. Which word is a synonym of ascertain?
a) Determine b) Insist
- Q2. Which word is a synonym of prestigious?
a) Pampered b) Respected
- Q3. Which word is a synonym of arid?
a) Dry b) Warm
- Q4. Which word is a synonym of persist?
a) Request b) Remain
- Q5. Which word is a synonym of prudent?
a) Cautious b) Fearful
- Q6. Which word is a synonym of compensation?
a) Pay b) Purchase

Write a synonym for each of the following words.

Beautiful - _____

Fast - _____

Ask - _____

Convince - _____

Buy - _____

Tight - _____

Select 4 words from above and write a sentence about your horse using the word you have selected in the sentence.

_____ - _____

_____ - _____

_____ - _____

_____ - _____
