

Math Puzzler #12

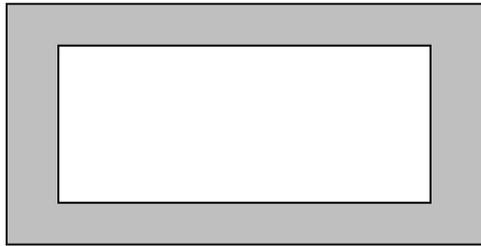
Due _____.

Name _____

Hour _____

Date _____

- The rectangular picture frame below has a length of 16 inches, a width of 7 inches and has a grey border that is 2 inches wide. What is the area of the grey border? Show all of your work.



- Zookeeper George was in charge of feeding all of the animals in the morning. He had a regular schedule that he followed every day. Can you figure out when each animal was fed using the clues and chart below?



- The giraffes were fed before the zebras but after the monkeys.
- The bears were fed 15 minutes after the monkeys.
- The lions were fed after the zebras.

	6:30 AM	6:45 AM	7:00 AM	7:15 AM	7:30 AM
Bears					
Giraffes					
Lions					
Monkeys					
Zebras					

- (Extra Points) The radius of each circle below is 12ft. To the nearest hundredth, what is the area of the center region shaded in grey? Note: the area formula for a circle is $a = \pi \cdot r^2$

