


Thursday, September 5

How can you use rectangles to
approximate the area under a curve?
How can you make your approximation
more exact?

The background of the slide features a large, stylized, light blue outline of the Denver Broncos logo, which is a horse's head in profile, facing right. The logo is set against a background of wavy, light blue lines.

September 4

Students will verbally explain how to
estimate the area under a curve using
RAM

(using the words:
right, left, midpoint, area, bounds, exact,
approximation...)

RAM

LRAM

use the left endpoint of
the interval to find
the y-value (height)

$L_4 \Rightarrow$ use LRAM w/ 4 intervals

RRAM

use the right endpoint of
the interval to find the
y-value (height)

$R_5 \Rightarrow$ use RRAM with 5 intervals

MRAM

use the midpoint of the
interval to find the height
(y-value)

