

## MA 202: Circles and Measurements

02/20/18

1. A local pizzeria sells four different sizes of pizza:

Small 8" for \$10.00, Medium 12" for \$14.00, Large 14" for \$18.00, Extra Large 18" for \$22.00

- (a) Compute the total area of each pizza, both as an exact answer and as a decimal approximation.

- (b) Compute the cost per square inch of each pizza. Which is the best value?

- (c) Suppose the small pizza is cut into 6 slices, the medium into 8, the large into 10, and the extra large into 12. Which single slice is biggest? Which is cheapest?