

Adv. Review #62 (7th grade SOLs)

SHOW HOW YOU SOLVED EACH PROBLEM – NO CALCULATORS!

7.

Which list is in order from *greatest to least*?

A. $\frac{7}{8}$ $\frac{5}{8}$ $\frac{4}{8}$ $\frac{2}{8}$

B. $\frac{2}{8}$ $\frac{4}{8}$ $\frac{5}{8}$ $\frac{7}{8}$

C. $\frac{2}{5}$ $\frac{3}{5}$ $\frac{4}{5}$ $\frac{5}{5}$

D. $\frac{5}{5}$ $\frac{2}{5}$ $\frac{3}{5}$ $\frac{4}{5}$

8. The number 361 is a perfect square number. Draw a square in the space provided that proved that 361 is a perfect square.

9. Using problem #8, solve the following:

$$\sqrt{361} = \underline{\hspace{2cm}}$$

10.

The average surface temperature on Jupiter is -162°F . The average surface temperature on Saturn is 46°F less than on Jupiter. What is the average surface temperature on Saturn?

A. -116°F

B. -126°F

C. -208°F

D. -218°F