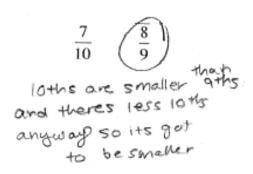
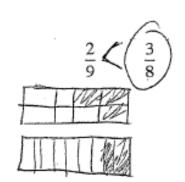
Learning Trajectories for PSTs Tobias, Feldman, Welder, and Olanoff AMTE 2017

Greater Number of Larger Pieces (7/10 vs. 8/9, 2/9 vs. 3/8, 18/25 vs. 16/27)





 $\left(\frac{18}{25}\right) > \frac{16}{27} \cdot \frac{16}{25}$ make the parts
equal \$ see that
16 has less parts,
then when you
See that the parts
are smaller, you
can see that 16/27is smaller.

Benchmark Value Equivalent (1/2 vs. 17/31, 1/4 vs. 25/99)

25/49 is greater than 14. Elf you multiply 1/4 by 1/25 you get 2/100. Now both fractions have 25 pieces but 25 pieces from 99 is greater than 25/100 because the 19 pieces are larger.

$$\frac{\frac{1}{2} < \frac{17}{31}}{62} < \frac{34}{62}$$
when equal demonster me found, the minerator on the inject is larger.

b/c 25 is 1/4 of a hundred and it is less than 1/4 if it is out of 99. Thurstore 1/4 is bigger

Same Size Pieces/Same Number of Pieces (2/17 vs. 2/19)

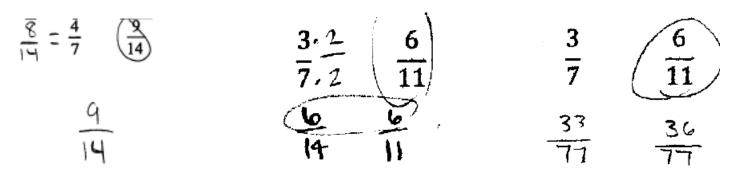
A whole divided into 17 pieces, + 2 whole divided into 19 pieces would have diff sized pieces. 2 Virpieces would be larger than 2 Via Pieces

$$\frac{2}{17} > \frac{2}{19}$$

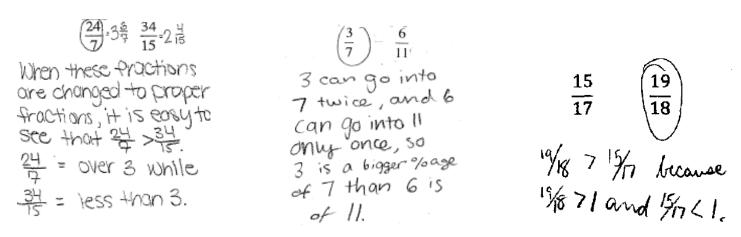
the pieces are Digger than 19th pieces. Both have only 2 pieces, then the one with larger pieces would be bigger.

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Equivalent Fractions – Same Size Pieces/Same Number of Pieces (4/7 vs. 9/14, 3/7 vs. 6/11)



Benchmark Value Between (24/7 vs. 34/15, 15/17 vs. 19/18, 3/7 vs. 6/11, 2/7 vs. 3/8)



Benchmark Value Distance (8/9 vs. 12/13, 13/15 vs. 17/19, 25/12 vs. 31/15, 11/20 vs. 19/36)

