

Math Concepts HW 2 1.27.15

- 1) Which property says $4 \cdot 307 = (4 \cdot 300) + (4 \cdot 7)$? 2) Which property says $4 \cdot 203 = 203 \cdot 4$?
3) $4.2 + 1.903$ 4) $9.67 + 49 + 5.2$ 5) $97.1 - 35.04$ 6) $213.09 - 37.2$
7) $34.62 + 74.8$ 8) $3.151 + 36.8 + 7$ 9) $\frac{5}{6} \cdot \frac{9}{10}$ 10) $\frac{5}{6} + \frac{9}{10}$

Arrange from least to greatest.

- 11) 47.1, 47.2, 47.12 12) 7.89, 7.777, 7.8 13) $\frac{2}{3}, \frac{3}{2}, 1$ 14) $\frac{1}{5}, \frac{1}{2}, \frac{3}{10}$

- Write as a mixed number:** 15) $\frac{29}{2}$ 16) $\frac{56}{3}$ 17) $\frac{290}{4}$ 18) $\frac{203}{10}$

19) Keannah's mother asked her to go to the store and buy some eggs. To get to the store, she walked seven city blocks. She caught the bus and rode 13 blocks. She got off and walked one and a half blocks to the store. She purchased the eggs her mother wanted, and returned home the same way. How many total blocks did Keannah travel?

Nathaniel decided to tile his rectangular patio with square tiles. He had 14 blue square tiles and wanted to lay them throughout the area to make a design. He set the tiles inside the patio border as shown in the diagram at right. Now he needs your help to figure out how many white tiles (of the same size) he needs to finish the job.

20) How many white tiles does he need to finish the job?

21) The sides of all the tiles are 1 foot long. What is the area of the patio?

22) What is the perimeter of the patio?

