



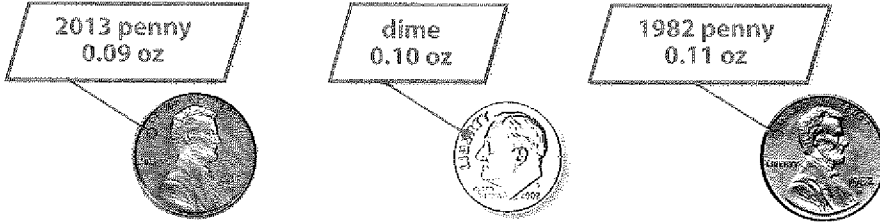
Homework 1-10

Comparing and Ordering Decimals

Another Look!

How do you order decimals?

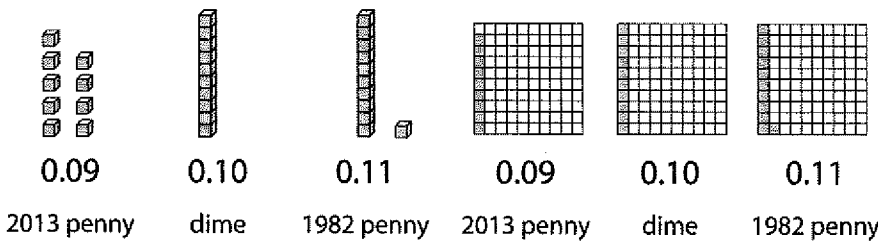
Patrick has a 1982 penny, a 2013 penny, and a 2002 dime in his pocket. Order the weights from least to greatest.



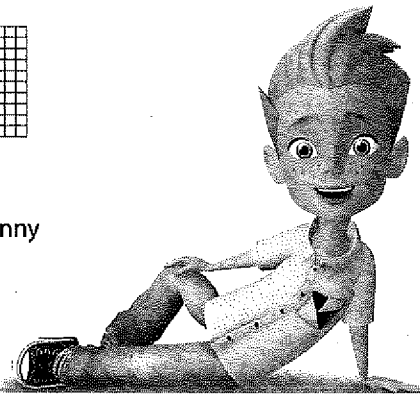
Use place-value blocks and hundredths grids to order decimals.

Use place-value blocks.

Use hundredths grids.



The least number is 0.09. The greatest number is 0.11.
The order from least to greatest is 0.09, 0.10, 0.11.



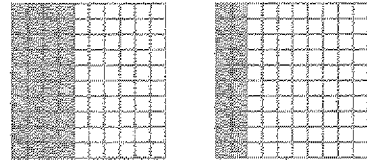
In **1** through **12**, write $>$, $<$, or $=$ in each \bigcirc . Use place-value blocks or grids to help.

- | | | |
|--------------------------|-------------------------|--------------------------|
| 1. 0.36 \bigcirc 0.76 | 2. 0.62 \bigcirc 0.82 | 3. 0.49 \bigcirc 0.5 |
| 4. 0.6 \bigcirc 0.55 | 5. 0.2 \bigcirc 0.20 | 6. 0.68 \bigcirc 0.59 |
| 7. 0.45 \bigcirc 0.54 | 8. 0.99 \bigcirc 1.0 | 9. 0.05 \bigcirc 0.04 |
| 10. 0.11 \bigcirc 0.09 | 11. 0.44 \bigcirc 0.4 | 12. 0.93 \bigcirc 0.39 |

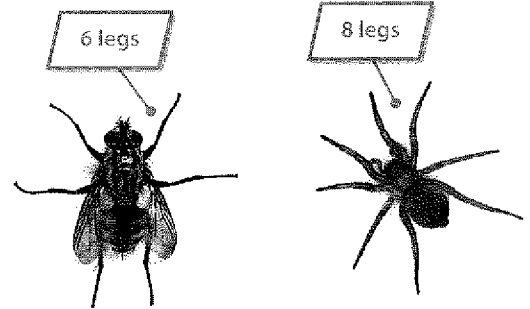
In **13** through **16**, order the numbers from least to greatest. Use place-value blocks or grids to help.

- | | |
|---------------------------|----------------------|
| 13. 0.3, 0.13, 0.19, 0.31 | 14. 0.42, 0.74, 0.47 |
| 15. 0.46, 0.6, 0.41 | 16. 0.36, 0.3, 0.63 |

17. Draw a Picture Nicki used these models to show 0.4 is greater than 0.02. What error did she make?



18. Insects have 6 legs, and spiders have 8 legs. What is the least number of insects and the least number of spiders possible so that each group has the same number of legs?



19. Explain Evan said the numbers 0.37, 0.36, 0.25, and 0.4 were in order from greatest to least. Is he correct? Explain.

20. Which number is **NOT** greater than 0.64?

- A 0.74
B 0.67
C 0.46
D 0.66

21. Number Sense How many hundredths are equal to six tenths? Explain.

22. Extend Your Thinking Jack says 0.90 is between 0.9 and 0.91. Is he correct? Explain.