

Learn the Math**Order Numbers**

Maria is 43, Pablo is 47, Dane is 14, and Lucy is 8.
Order their ages from least to greatest.

Vocabulary

least

greatest

Use place value.

<p>Step One</p> <p>Draw blocks to show each number.</p>	<p>[ART01] [ART02] [ART03] [ART04]</p> <p>[wol]43 [wol]47 [wol]14 [wol]8 [wol]Maria [wol]Pablo [wol]Dane [wol]Lucy</p>
<p>Step Two</p> <p>Compare the tens.</p> <p>Who has the least amount of tens?</p>	<p>Maria Pablo Lucy Dane 4 tens 4 tens 0 tens 1 ten</p> <p>Lucy has 0 tens. So she has the least.</p> <p>Then comes Dane with 1 ten.</p> <p>Maria and Pablo both have 4 tens.</p>
<p>Step Three</p> <p>Compare the ones for Maria and Pablo.</p>	<p>Maria Pablo 3 ones 7 ones</p> <p>Maria has fewer ones than Pablo.</p>
<p>Step Four</p> <p>Put them in order from least to greatest.</p>	<p>[wol]8 [wol]14 [wol]43 [wol]47 [wol]Lucy[wol]Dane[wol]Maria[wol]Pablo</p>

[place in bubble:]

Do the Math

1. Henry has 34 pennies, 21 dimes, and 23 nickels. Write the numbers in order from greatest to least.

- Draw each number with blocks.
- Which place do we start with? [wol] **tens**
- Which has the most amount of tens?[wol] **34**
- Can we use tens to compare the other two numbers? [wol] **no**
- Does 21 or 23 have more ones? [wol] **23**
- What are the numbers from greatest to least? [wol] **34, 23, 21**

2. Draw the numbers then order them from least to greatest: 63, 34, 25, 59, 47 [prod: leave space for drawings.]

[wol], [wol], [wol], [wol], [wol] **25; 34; 47; 59; 63** Check students' drawings.

Problem Solving • Show Your Work

3. Joe sold 20 tickets to the school play. Lisa sold 37 tickets. Paula sold 83. Who sold the most? [wol] **Paula** Who sold the least? [wol] **Joe**

4. **REASONING** How do you know which of these numbers is greatest? [wols] **44 and 46 have more tens than 37. 46 has more ones than 44, so 46 is the greatest.**

[ART05]

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Order Numbers

REMEMBER

- Always start with the tens place when comparing.
- For greatest to least, start with the most amount of tens.
- For least to greatest, start with the fewest amount of tens.
- If two numbers have the same amount of tens, compare the ones.

Independent Practice

Write the numbers in order. Use [ART06] if you need to.

	Least to Greatest	Greatest to Least
83 54 22 60	1. <u>22</u> <u>54</u> <u>60</u> <u>83</u>	2. <u>83</u> <u>60</u> <u>54</u> <u>22</u>
99 33 66 4	3. <u>4</u> <u>33</u> <u>66</u> <u>99</u>	4. <u>99</u> <u>66</u> <u>33</u> <u>4</u>
45 23 76 85	5. <u>23</u> <u>45</u> <u>76</u> <u>85</u>	6. <u>85</u> <u>76</u> <u>45</u> <u>23</u>
6 82 47 31	7. <u>6</u> <u>47</u> <u>31</u> <u>82</u>	8. <u>82</u> <u>47</u> <u>31</u> <u>6</u>
55 52 58 51	9. <u>51</u> <u>52</u> <u>55</u> <u>58</u>	10. <u>58</u> <u>55</u> <u>52</u> <u>51</u>

Problem Solving • Show Your Work

11. Samuel listed his math test scores from least to greatest: 75, 83, 81, 90. Did he list them correctly? Why or why not? [wol]

No, 81 should have come before 83.

12. **Write Math** Draw to show each number. Circle the greatest number. Cross out the least number. [Prod: leave space for students to draw]

[ART07]

3 tens 4 ones

[ART08]

3 tens 1 one

[ART09]

4 tens 3 ones