

MATH in Minutes

Level B

#2

NUMBER AND OPERATIONS

- 1** Last month, Kelly's family used 921.8 kilowatt hours of electricity. This month, they used 871.9 kilowatt hours. Is the following statement true? Explain.

Kelly's family used 50 fewer kilowatt hours of electricity this month than last month.

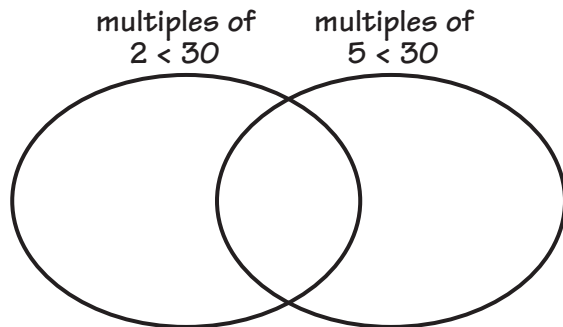
NUMBER AND OPERATIONS

- 2** Order the numbers from greatest to least. Tell how you know you are correct.

5.5 5.05 5.105 5.1
5.150 5.505 5.51

NUMBER AND OPERATIONS

- 3** Complete the Venn diagram.



ALGEBRA

- 4** Find all the values for x that make both statements true. How do you know you have all the solutions?

$$(x + 3) - 8 > 0$$

$$(x + 3) - 8 < 10$$

MEASUREMENT

- 5** Which measures are equal? How can you be sure?

$2\frac{1}{2}$ gallons
48 cups
20 pints
8 quarts
320 fluid ounces

GEOMETRY

- 6** Draw a polygon that matches each description. How do you know your drawings are correct?

- A. has no parallel sides
- B. has one pair of parallel sides
- C. has two pairs of parallel sides
- D. has no perpendicular sides
- E. has no parallel lines and one perpendicular angle