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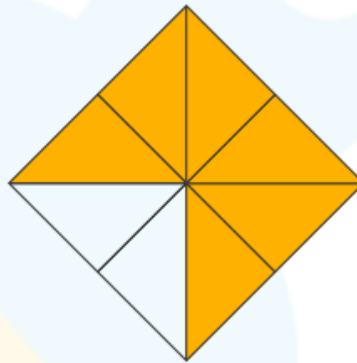
Comparing Decimals Worksheets 4th Grade

1) Match column 1 with correct sign in column 2.

a) $7.6 \underline{\hspace{1cm}} 0.76$	i) $=$
b) $0.05 \underline{\hspace{1cm}} 0.5$	ii) $<$
c) $0.55 \underline{\hspace{1cm}} 0.550$	iii) $>$

2) Milie and Jimmy each have a wire with lengths 5.2 inches and 4.9 inches respectively. Who has the longest ribbon?

3) Represent the shaded part using a decimal number.



4) Order the following decimal numbers from greatest to least.
0.24, 0.8, 0.13, 1.7, 1.02

5) Which of the following decimal numbers is more than 4.2?

- a) 2.3
- b) 3.7
- c) 4.7

6) State which of the following statement(s) is/are correct.

- a) $19 \div 100 < 1.9 \div 10$
- b) $1.9 \div 10 = 19 \div 100$
- c) $0.19 \times 10 > 1.9 \div 100$
- d) $19 \times 0.1 = 1.9 \div 0.1$

7) Choose the greatest decimal number from the list given below.

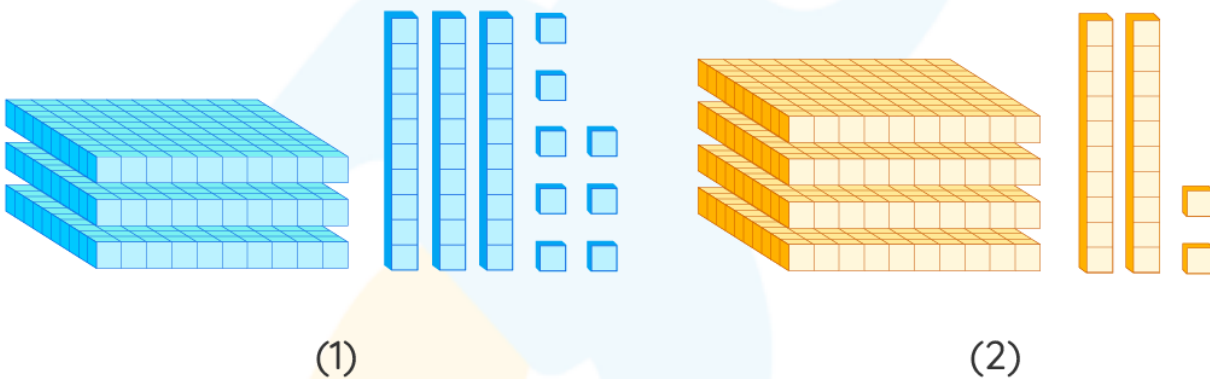
3.2 54.1 6.7 56.1 0.1 8.7 0.9 0.3

8) Which one of the following numbers is nearest to 2.5?

2.4, 2.6, 2.69, 2.59, 2.49

9) Leslie wants to arrange a birthday party. She spent \$17.8 on cupcakes, \$12.9 on chocolates, \$1.2 on candies, \$1.9 on lollipops, \$23.7 on balloons and \$16.36 on candles. On which item did she spend the least amount?

10) Look at the model shown below and write the least decimal number.



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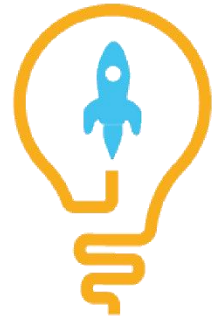
- Barbara Cabrera

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ANSWERS

1) a) - iii), b) - ii), c) - i)	2) Milie	3) 0.75
4) 1.7, 1.02, 0.8, 0.24, 0.13	5) c) 4.7	6) b), c)
7) 56.1	8) 2.49	9) Candies
10) 3.38		



SOLUTIONS

Complete solution/explanation

Sol 1: a) - iii), b) - ii), c) - i)

Sol 2: Milie

Sol 3: Shaded part = $\frac{6}{8} = 0.75$

Sol 4: 1.7, 1.02, 0.8, 0.24, 0.13

Sol 5: c) 4.7

Sol 6: b) $1.9 \div 10 = 19 \div 100$, c) $0.19 \times 10 > 1.9 \div 100$

Sol 7: 56.1

Sol 8: 2.49

Sol 9: Candies

Sol 10: First model shows 3.38 and second model shows 4.22. So, the least decimal number is 3.38

FUN FACT

1. The prefix "deci" in the word "DECIMAL" means ten.
2. We can write a fraction as a [decimal number](#), but we cannot write all decimal numbers as a fraction.
3. Like [fractions](#), every decimal number can be expressed in the form of a [percentage](#).

