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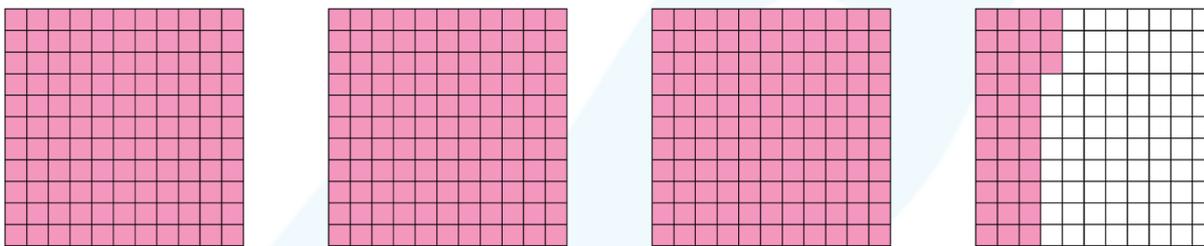
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Comparing Decimals Worksheets

- 1) Zia bought 3.2 kilograms of apples and 4.7 kilograms of oranges. Which fruit she bought the most?
- 2) Choose the greatest decimal number for each option.
 - a) 89.32 or 89.032
 - b) 0.32 or 0.332
- 3) Which decimal number is greater than the one shown in the grid given below.



- a) 3.1
 - b) 3.2
 - c) 3.3
 - d) 3.4
- 4) Which one of the following decimal number is closer to 1
 - a) 1.5
 - b) 0.9
 - c) 2.0
 - 5) State which of the following statement(s) is/are correct.
 - a) $32 \div 100 < 3.2 \div 10$
 - b) $32 \times 0.1 = 3.2 \div 0.1$
 - c) $3.2 \div 10 = 32 \div 100$
 - d) $0.32 \times 10 > 3.2 \div 100$

6) Which of the following expressions is more than the decimal number 14.54?

a) $10 + 40 + \frac{4}{10} + \frac{5}{100}$

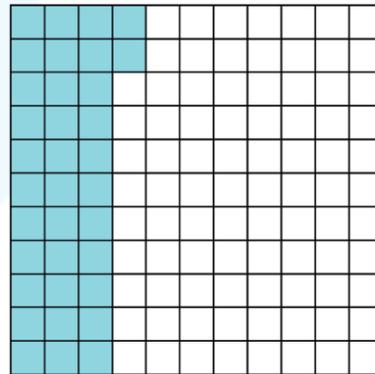
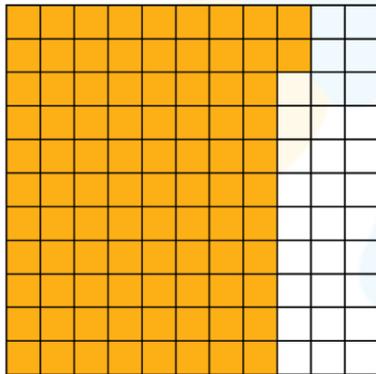
b) $10 + 40 + \frac{5}{10} + \frac{4}{100}$

c) $10 + 40 + \frac{6}{10} + \frac{5}{100}$

7) Sally went to the grocery store. She spent \$23.6 to buy apple juice and \$46.7 to buy custard powder. On which item did she spend the least?



8) Look at the two decimal numbers illustrated using a grid and write the decimal number that is least.



9) Is the sum of 0.4 and 0.6 more than 1?

10) Put the following decimal numbers in order from least to greatest.

5.62, 8.62, 1.27, 7.92, 9.732, 4.29

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"I appreciate the effort that miss Nitya puts in to help my daughter understand the best methods and to explain why she got a problem incorrect. She is extremely patient and generous with Miranda."

- Barbara Cabrera

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**ANSWERS**

1)	Orange
2)	a) 89.32, b) 0.332
3)	d) 3.4
4)	b) 0.9
5)	c), d)
6)	c) $10 + 40 + \frac{6}{10} + \frac{5}{100}$
7)	Apple Juice
8)	0.32
9)	No
10)	1.27, 4.29, 5.62, 7.92, 8.62, 9.732

FUN FACT

1. Every fraction with denominator of powers of 10 can be written as a decimal notation.
2. The place value of digits gets multiplied by 10, as we move towards left from the decimal point.
3. The place value of digits gets divided by 10, as we move towards right from the decimal point.

