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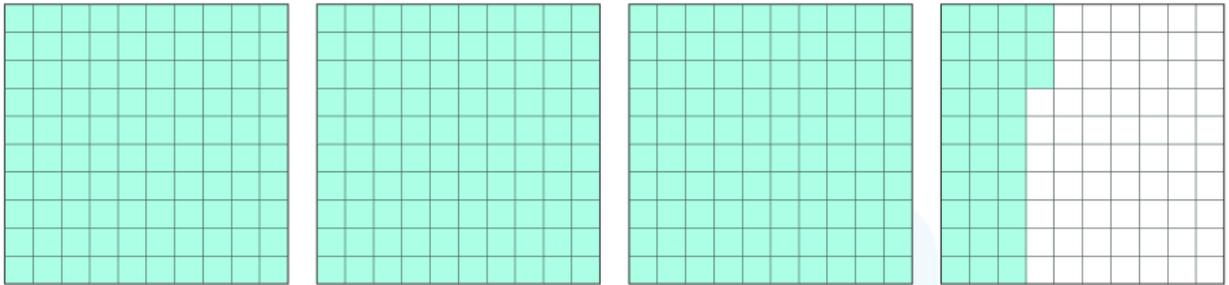
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5th Grade Decimal Worksheets

- 1) Which decimal number(s) is/are less than the one represented in the grid shown below?



- i) 3.3
 - ii) 3.333
 - iii) 3.33
 - iv) 3.34
- 2) Order the numbers from least to greatest.

0.82

0.69

$\frac{3}{8}$

$\frac{1}{2}$

$\frac{9}{10}$

- 3) Complete the following pattern by filling the missing decimal numbers.

4.25, 4.5, ____, 5, ____, 5.5, 5.75.

- 4) Choose the decimal number which is equivalent to 0.6
- i) 0.06
 - ii) 0.60
 - iii) 6.0

- 5) Andrea walks 1.3 miles every day in the morning. Find the distance she travels everyday if she takes 5 rounds.

6) Match the fractions in column 1 by the decimal representation in column 2.

Fractions	Decimal Numbers
a) $\frac{51}{100}$	i) 0.7
b) $\frac{12}{10}$	ii) 6.07
c) $\frac{71}{10}$	iii) 0.5
d) $\frac{671}{100}$	iv) 0.05

7) Plot the decimal number 1.46 on the number line shown below.



8) Jack bought 2.2 pounds of fruit for his birthday. His friends ate 1.6 pounds of the fruit. How many pounds of fruit is left with Jack?

9) Write the following decimal numbers in the expanded form.

i) 0.24

ii) 87.13

10) Fill in the blanks with a correct decimal number.

i) $\underline{\quad} \times 0.1 = 5.67$

ii) $0.01 \times \underline{\quad} = 67$

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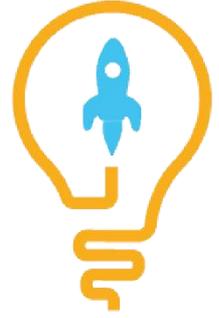
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"I appreciate the effort that miss Nitya puts in to help my daughter understand the best methods and to explain why she got a problem incorrect. She is extremely patient and generous with Miranda."

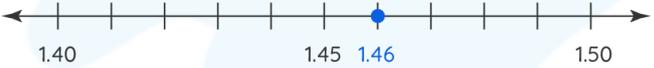
- Barbara Cabrera

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ANSWERS

1)	ii) 3.33, iv) 3.34
2)	$\frac{3}{8}$, $\frac{1}{2}$, 0.69, 0.82, $\frac{9}{10}$
3)	4.75, 5.25
4)	iii) 0.60
5)	5×3.5 miles = 17.5 miles
6)	a) - iv), b) - iii), c) - i), d) - ii)
7)	
8)	0.6 pounds
9)	a) $2 \times \frac{1}{10} + 4 \times \frac{1}{100}$, b) $8 \times 10 + 7 \times 1 + 1 \times \frac{9}{10} + 3 \times \frac{1}{100}$
10)	i) 56.7, ii) 6700

FUN FACT

1. The fractional part of a decimal number is given by the part after the decimal point.
2. We move towards left from the decimal point; the place value of digits gets multiplied by 10.
3. As we move towards right from the decimal point, the place value of digits gets divided by 10.

