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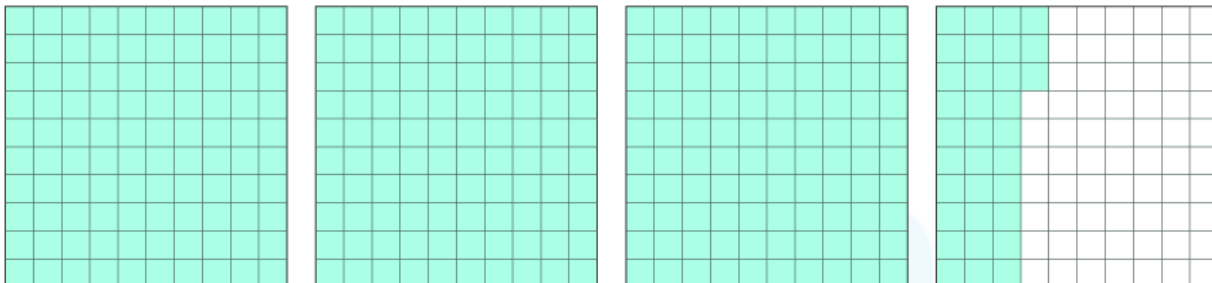
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5th Grade Decimal Worksheets

- 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.

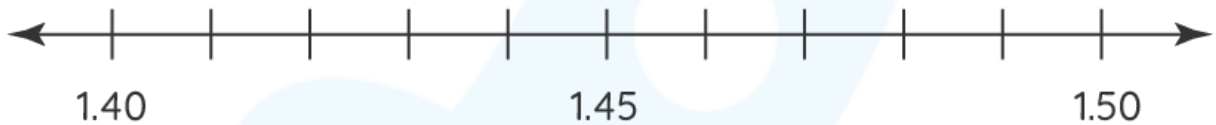
- 4) Choose the decimal number which is equivalent to 0.6
- i) 0.06
 - ii) 0.60
 - iii) 6.0

- 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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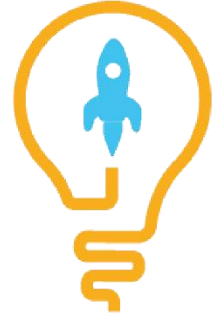
- Kirk Riley

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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.

