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Grade 4 Decimals and Fractions Worksheets

Q1) Write $\frac{4}{5}$ as a decimal number.

Q2) Match column 1 with correct sign in column 2.

a) $7.6 \text{ --- } \frac{19}{25}$	i) $<$
b) $\frac{144}{25} \text{ --- } 6.63$	ii) $=$
c) $7.45 \text{ --- } \frac{149}{20}$	iii) $>$

Q3) Which one of the following numbers is nearest to 1.5

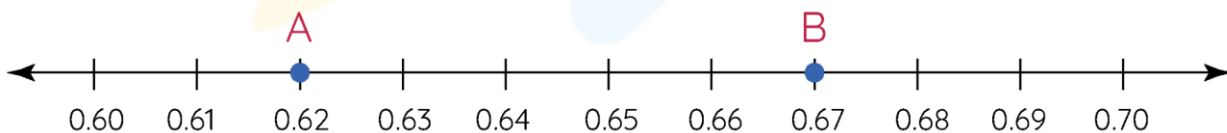
$$\frac{7}{5}, \frac{8}{5}, 1.69, 1.59, 1.49$$

Q4) Fill in the blanks.

a) The decimal number for $\frac{3}{5}$ is ____.

b) The fraction representation of 1.2 is ____.

Q5) Write the fraction representation of the decimal numbers plotted by point A and B on the number line.



Q6) Which of the following decimal numbers is more than 2.5?

a) $\frac{23}{10}$

b) $\frac{25}{10}$

c) $\frac{13}{5}$

d) $\frac{5}{2}$

Q7) Which of the following statement(s) is/are true?

a) $\frac{28}{5} = 0.56$

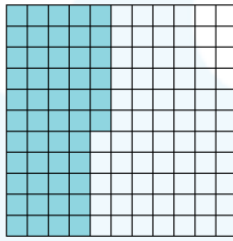
b) $\frac{14}{25} < 0.056$

c) $56.56 > 56.00$

d) $0.56 = \frac{14}{25}$

Q8) Find the product of $\frac{3}{5}$ and 1.3. Write the answer in decimal.

Q9) Write the decimal number represented by the grid below and write it in fraction form.



Q10) Order the following decimal numbers from greatest to least.

$1.5, \frac{7}{5}, 1.6, \frac{6}{5}, 1.9$

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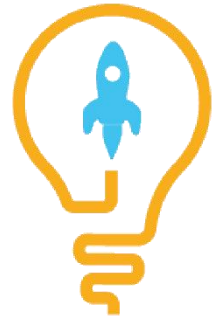
- Kirk Riley

"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) 0.8	6) c) $\frac{13}{5}$
2) a) - iii), b) - i), c) - ii)	7) c), d)
3) 1.49	8) 0.78
4) a) 0.6, b) $\frac{6}{5}$	9) 0.45, $\frac{9}{20}$
5) $0.62 = \frac{31}{50}$ $0.67 = \frac{67}{100}$	10) 1.9, 1.6, 1.5, $\frac{7}{5}$ $\frac{6}{5}$

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.

