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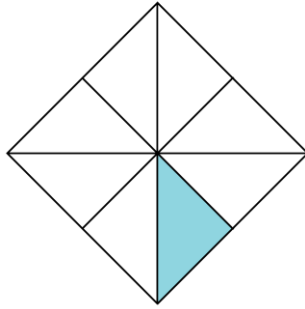
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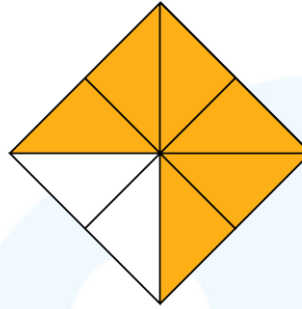
Grade 4 Decimals and Fractions Worksheets

Q1) Write the fraction for the decimal numbers represented below.

0.125



0.75



Q2) Which fraction is equivalent to 9.8?

- a) $\frac{49}{6}$
- b) $\frac{49}{5}$
- c) $\frac{49}{4}$

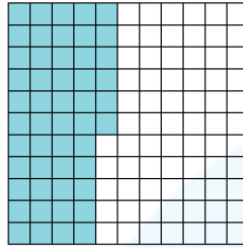
Q3) Match the decimal numbers in column 1 with their fraction form in column 2.

Decimal Numbers	Fractions
a) 8.4	i) $\frac{5}{2}$
b) 2.5	ii) $\frac{9}{5}$
c) 1.8	iii) $\frac{42}{5}$

Q4) Write the fraction representation for the following:

- a) Three-tenths
- b) Sixty-seven hundredths

Q5) Look at the grid shown below. Write the fraction representation for the shaded part.



Q6) Which of the following statement(s) is/are true?

- a) $\frac{28}{5} = 0.56$
- b) $0.56 < \frac{7}{125}$
- c) $56.56 > 56.00$
- d) $\frac{14}{25} = 0.56$

Q7) Complete the following pattern by filling the missing decimal numbers.

$$7.00, \frac{15}{2}, \text{---}, \frac{17}{2}, 9.00, \text{---}$$

Q8) Express the following decimal numbers as a mixed fraction.

- a) 3.7
- b) 5.71

Q9) Vinny had 5.6 grams of pepper. She used $\frac{23}{10}$ grams of pepper. How much pepper is left? Write the answer in decimal.

Q10) Write the decimals numbers for the following fractions and complete the place value chart.

	Decimal Number	Tens	Ones	Tenths	Hundredths
a) $\frac{71}{5}$					
b) $\frac{521}{20}$					

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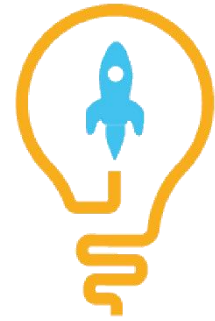
- Kirk Riley

"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) $\frac{1}{8} \frac{3}{4}$	6) c), d)
2) b) $\frac{49}{5}$	7) 8.00, $\frac{19}{2}$
3) a) - iii), b) - i), c) - ii)	8) a) $3\frac{7}{10}$ b) $5\frac{71}{100}$
4) a) $\frac{3}{10}$ b) $\frac{67}{100}$	9) 3.3 grams
5) $\frac{9}{20}$	10) a) 14.2, b) 26.05

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.

