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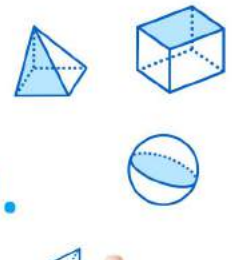

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CONVERTING DECIMALS TO FRACTIONS WORKSHEET - 3

1) Which fraction is equivalent to 9.8?
   a) $\frac{49}{6}$
   b) $\frac{49}{5}$
   c) $\frac{49}{4}$

2) 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) $\frac{42}{5}$

3) Express the following decimal numbers as a mixed fraction.
a) 3.7
b) 5.71

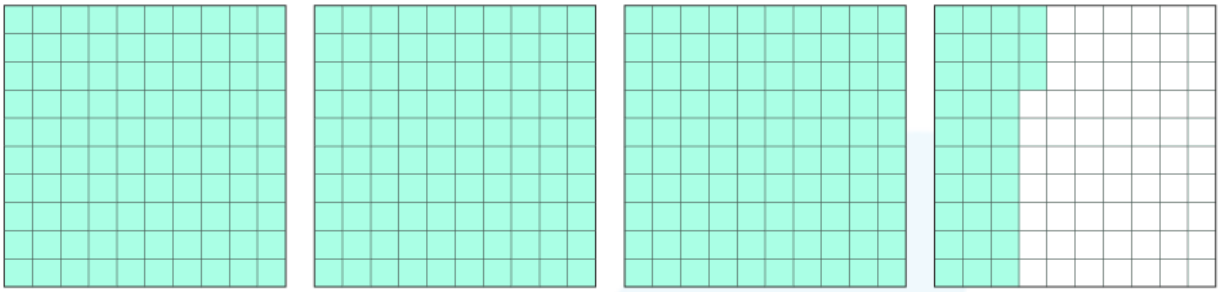
4) Write the fraction representation for the following:
a) Three-tenths
b) Sixty-seven hundredths

5) Fill the numbers in the block to make the subtraction problem true. Write the answer in fraction.

$$\begin{array}{r} 6.45 \\ -\ \square\square.\square\square \\ \hline 5.22 \end{array}$$

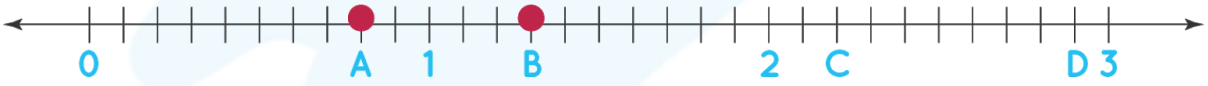
6) The length of a side of a square is 6.98 inches. What will be its perimeter?

7) Write the fraction and decimal number represented by the grid below.



8) What fraction of a minute is a second? Express in decimal also.

9) Write the sum of decimal numbers shown in the number line by points A and B in fraction form.



10) Convert 8.52 to fraction.

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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."

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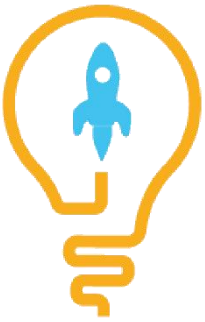
ANSWERS



1)	b) $\frac{49}{5}$
2)	a) - iii), b) - i), c) - ii)
3)	a) $3\frac{7}{10}$, b) $5\frac{71}{100}$
4)	a) $\frac{3}{10}$, b) $\frac{67}{100}$
5)	$\frac{123}{100}$
6)	$\frac{698}{25}$ inches
7)	$\frac{333}{100}$, 3.33
8)	$\frac{1}{60}$, 0.01
9)	$\frac{11}{5}$
10)	$\frac{213}{25}$

FUN FACT

1. A decimal number system is used to express the whole number and fraction together.
2. All fractions can be written as a decimal number.
3. The digits to the right of the decimal point represents the fractional part of a decimal number.