Maths - Worksheet

Subject : Mathematics

Topic : Decimal and Simple Fractions

Name :

Convert the decimal fractions into simple fractions

1) 0.7 = ☐

2) 0.56 = ☐

3) 0.678 = ☐

4) 0.09 = ☐

5) 1.2 = ☐

6) 3.82 = ☐

7) 45.795 = ☐

8) 360.803 = ☐

9) 67.008 = ☐

10) 4.123456 = ☐

Answers

$\dfrac{360803}{1000}$	$\dfrac{382}{100}$	$\dfrac{9}{100}$
$\dfrac{56}{100}$	$\dfrac{4123456}{1000000}$	$\dfrac{678}{1000}$
$\dfrac{67008}{1000}$	$\dfrac{45795}{1000}$	$\dfrac{12}{10}$ $\dfrac{7}{10}$

Convert the simple fractions into decimal fractions

1) $\dfrac{4}{10}$ = ☐

2) $\dfrac{68}{10}$ = ☐

3) $\dfrac{753}{10}$ = ☐

4) $\dfrac{5}{100}$ = ☐

5) $\dfrac{76}{100}$ = ☐

6) $\dfrac{405}{100}$ = ☐

7) $\dfrac{8}{1000}$ = ☐

8) $\dfrac{377}{1000}$ = ☐

9) $\dfrac{15}{20}$ = ☐

10) $\dfrac{35}{50}$ = ☐

Answers

75.3	0.377
0.4	0.70
0.008	6.8
0.75	4.05
0.76	0.05

Join with line to the correct answer.

Sl. No.	A	B
1	The simple fraction of 0.9 is	8.5
2	The simple fraction of 63.718 is	2.5
3	The decimal fraction of $\dfrac{85}{10}$ is	$\dfrac{9}{10}$
4	The decimal fraction of $\dfrac{529}{1000}$ is	$\dfrac{63718}{1000}$
5	The decimal fraction of $\dfrac{5}{2}$ is	0.529

Fill in the blanks

1) The simple fraction of 6.7 is $\dfrac{\boxed{}}{10}$

2) The simple fraction of 0.75 is $\dfrac{75}{\boxed{}}$

3) The decimal fraction of $\dfrac{28}{10}$ is ☐

4) The decimal fraction of $\dfrac{305}{100}$ is 3.☐

5) The decimal fraction of $\dfrac{981}{1000}$ is ☐.981

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