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5th Grade Decimal Worksheets

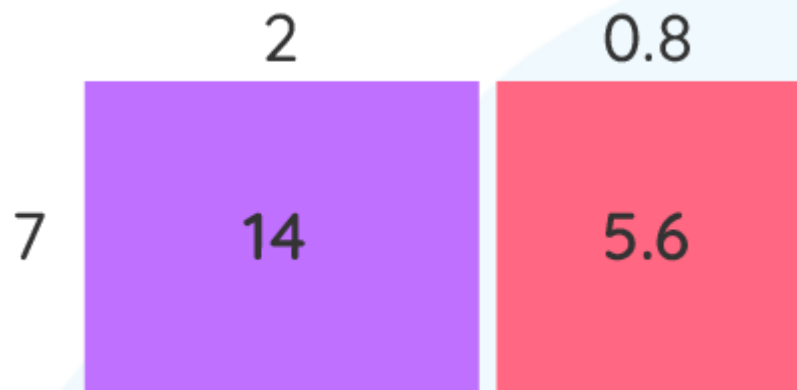
1) Put Fill in the blanks with the correct decimal numbers.

a) $5.6 \div 0.8 = \underline{\quad}$

b) $0.01 \times 8.5 = \underline{\quad}$

2) Use the following model to complete the division problem:

$\underline{\quad} \div 7 = 2.8$



3) Write the following numbers in a place value chart.

	Hundreds	Tens	Ones	Tenths	Hundredths
a) 12.75					
b) 592.04					

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

a) $1.2 \times 2 \underline{\quad} 0.76 \div 2$	i) =
b) $4.56 + 2.1 \underline{\quad} 6.6 + 0.06$	ii) <
c) $6.81 - 0.45 \underline{\quad} 2.12 \times 4$	iii) >

- 5) A factory manufactures 4.6 meters of ribbon per hour. How much ribbon in meters will the factory produce in 7 hours?
- 6) Order the following decimal numbers from greatest to least.

85.947

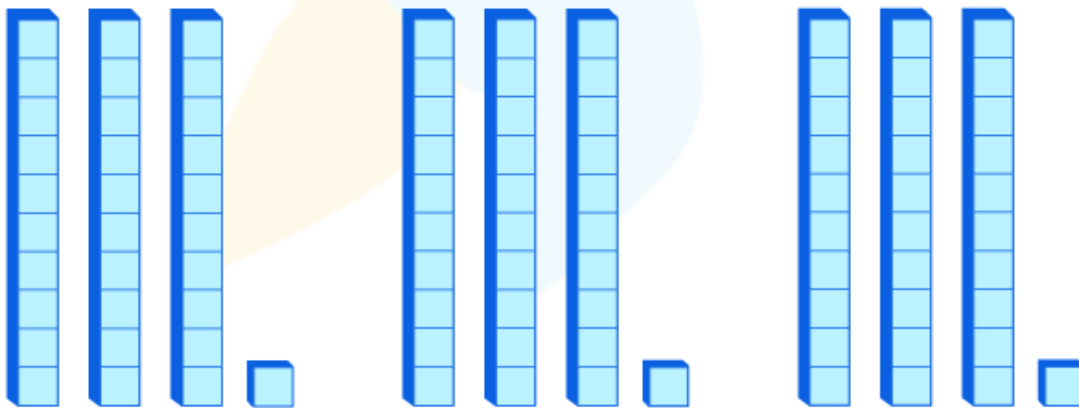
49.785

54.978

85.497

85.945

- 7) Which number represents “nine hundred seven tens two ones five tenths and four hundredths”?
- 8) Find the area of a rectangle whose length is 78.73 units and breadth are 45.2 units.
- 9) Find the product of 0.31 and 3 using the model shown below.



- 10) Between which two numbers in tenths place does the number 1.56 lie?
- a) 1.6 and 1.7
- b) 1.5 and 1.6
- c) 1 and 2

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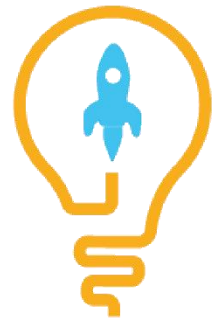
- Kirk Riley

"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)	a) 7 b) 0.085																		
2)	$14 + 5.6 = 19.6$																		
3)	<table border="1"> <thead> <tr> <th></th> <th>Hundreds</th> <th>Tens</th> <th>Ones</th> <th>Tenths</th> <th>Hundredths</th> </tr> </thead> <tbody> <tr> <td>a) 12.75</td> <td></td> <td>1</td> <td>2</td> <td>7</td> <td>5</td> </tr> <tr> <td>b) 592.04</td> <td>5</td> <td>9</td> <td>2</td> <td>0</td> <td>4</td> </tr> </tbody> </table>		Hundreds	Tens	Ones	Tenths	Hundredths	a) 12.75		1	2	7	5	b) 592.04	5	9	2	0	4
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a) 12.75		1	2	7	5														
b) 592.04	5	9	2	0	4														
4)	a) - iii), b) - i), c) - ii)																		
5)	32.2 meters																		
6)	87.945, 85.947, 85.497, 54.978, 49.785																		
7)	972.54																		
8)	3558.596 units ²																		
9)	0.93																		
10)	b) 1.5 and 1.6																		

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.

