Math 8/8H

**HW 1.2a**

*I can find the decimal expansion of every number.*

*Find the decimal expansion of each number; write it next to the number.* ***Show your work.***

|  |  |  |
| --- | --- | --- |
| 1. $^{3}/\_{4}$
 | 1. $^{3}/\_{8}$
 | 1. $^{1}/\_{4}$
 |
| 1. $^{1}/\_{2}$
 | 1. $^{5}/\_{8}$
 | 1. $^{7}/\_{5}$
 |
| 1. $^{ 56}/\_{100}$
 | 1. $^{1}/\_{9}$
 | 1. $^{1}/\_{3}$
 |
| 1. $^{1}/\_{7}$
 |

1. Are the numbers above rational or irrational? Why?
2. Choose one of the numbers above and explain the process you went through to change it to a decimal.

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