

## Resolução da atividade principal - MAT8\_05NUM08

2,333...	0,151515...	0,0222...
0,1333...	0,126126...	0,41666...
0,666...	0,45222...	1,999...

2,333...

$$2,333... = \frac{23 - 2}{9} = \frac{21}{9} = \frac{21 : 3}{9 : 3} = \frac{7}{3}$$

0,151515...

$$0,151515... = \frac{15}{99} = \frac{15 : 3}{99 : 3} = \frac{5}{33}$$

0,0222...

$$0,0222... = \frac{2}{90} = \frac{2 : 2}{90 : 2} = \frac{1}{45}$$

0,1333...

$$0,1333... = \frac{13 - 1}{90} = \frac{12}{90} = \frac{12 : 6}{90 : 6} = \frac{2}{15}$$

0,126126126...

$$0,126126126... = \frac{126}{999} = \frac{126 : 9}{999 : 9} = \frac{14}{111}$$

0,41666...

$$0,41666... = \frac{416 - 41}{900} = \frac{375}{900} = \frac{375 : 75}{900 : 75} = \frac{5}{12}$$

0,666...

$$0,666... = \frac{6}{9} = \frac{6 : 3}{9 : 3} = \frac{2}{3}$$

0,45222...

$$0,45222... = \frac{452 - 45}{900} = \frac{407}{900}$$

1,999...

$$1,999... = \frac{19 - 1}{9} = \frac{18}{9} = \frac{18 : 9}{9 : 9} = \frac{2}{1} = 2$$