



## Repeating Decimals in Bar Notation

Date \_\_\_\_\_ Period \_\_\_\_\_

**Write in bar notation.**

1.  $0.3273537353\dots$

$0.32\overline{7353}$

2.  $0.11111111\dots$

$0\overline{1}$

3.  $0.6150505050\dots$

$0.61\overline{50}$

4.  $0.7237777777\dots$

$0.723\overline{7}$

5.  $0.7279999999\dots$

$0.727\overline{9}$

6.  $0.223732373\dots$

$0.2\overline{2373}$

7.  $0.8895454545\dots$

$0.889\overline{54}$

8.  $0.7664444444\dots$

$0.766\overline{4}$

9.  $0.2548888888\dots$

$0.254\overline{8}$

10.  $0.8794444444\dots$

$0.879\overline{4}$

11.  $0.069571571\dots$

$0.069\overline{571}$

12.  $0.57268686868\dots$

$0.572\overline{68}$

**Solution Steps**

$$1) 0.3273537353\dots$$

$$0.3273537353\dots = 0.32\overline{7353}$$

$$2) 0.11111111\dots$$

$$0.11111111\dots = 0.\overline{1}$$

$$3) 0.6150505050\dots$$

$$0.6150505050\dots = 0.61\overline{50}$$

$$4) 0.7237777777\dots$$

$$0.7237777777\dots = 0.723\overline{7}$$

$$5) 0.7279999999\dots$$

$$0.7279999999\dots = 0.727\overline{9}$$

$$6) 0.223732373\dots$$

$$0.223732373\dots = 0.2\overline{2373}$$

$$7) 0.8895454545\dots$$

$$0.8895454545\dots = 0.889\overline{54}$$

$$8) 0.7664444444\dots$$

$$0.7664444444\dots = 0.766\overline{4}$$

$$9) 0.2548888888\dots$$

$$0.2548888888\dots = 0.254\overline{8}$$

<sup>10)</sup> 0.87944444444...

$$0.87944444444... = 0.879\overline{4}$$

<sup>11)</sup> 0.069571571...

$$0.069571571... = 0.069\overline{571}$$

<sup>12)</sup> 0.57268686868...

$$0.57268686868... = 0.572\overline{68}$$