Task card 1 Repeating Decimals to Fractions

Write 0.9797… as a fraction in lowest terms.

$0.\overline{97}$

Task card 2 Repeating Decimals to Fractions

Write 0.1818… as a fraction in lowest terms.

$0.\overline{18}$

Task card 3 Repeating Decimals to Fractions

Write 0.7272… as a fraction in lowest terms.

$0.\overline{72}$

Task card 4 Repeating Decimals to Fractions

Write 0.77777… as a fraction in lowest terms.

$0.\overline{7}$

Task card 5 Repeating Decimals to Fractions

Write 0.2121… as a fraction in lowest terms.

$0.\overline{21}$

Task card 6 Repeating Decimals to Fractions

Write 0.1717… as a fraction in lowest terms.

$0.\overline{17}$

Task card 7 Repeating Decimals to Fractions

Write 0.55555... as a fraction in lowest terms.

$0.\overline{5}$

Task card 8 Repeating Decimals to Fractions

Write 0.7676... as a fraction in lowest terms.

$0.\overline{76}$

Task card 9 Repeating Decimals to Fractions

Write 0.33333... as a fraction in lowest terms.

$0.\overline{3}$

Task card 10 Repeating Decimals to Fractions

Write 0.6464... as a fraction in lowest terms.

$0.\overline{64}$

Task card 11 Repeating Decimals to Fractions

Write 0.1414... as a fraction in lowest terms.

$0.\overline{14}$

Task card 12 Repeating Decimals to Fractions

Write 0.88888... as a fraction in lowest terms.

$0.\overline{8}$

Task card 13 Repeating Decimals to Fractions

Write 0.9393… as a fraction in lowest terms.

$0.\overline{93}$

Task card 14 Repeating Decimals to Fractions

Write 0.0101… as a fraction in lowest terms.

$0.\overline{01}$

Task card 15 Repeating Decimals to Fractions

Write 0.5959… as a fraction in lowest terms.

$0.\overline{59}$

Task card 16 Repeating Decimals to Fractions

Write 0.73333… as a fraction in lowest terms.

$0.7\overline{3}$

Task card 17 Repeating Decimals to Fractions

Write 0.72222… as a fraction in lowest terms.

$0.7\overline{2}$

Task card 18 Repeating Decimals to Fractions

Write 0.0707… as a fraction in lowest terms.

$0.\overline{07}$

Task card 19 Repeating Decimals to Fractions

Write 0.61111... as a fraction in lowest terms.

$0.6\overline{1}$

Task card 20 Repeating Decimals to Fractions

Write 0.7070... as a fraction in lowest terms.

$0.\overline{70}$

Task card 21 Repeating Decimals to Fractions

Write 0.82222... as a fraction in lowest terms.

$0.8\overline{2}$

Task card 22 Repeating Decimals to Fractions

Write 0.1212... as a fraction in lowest terms.

$0.\overline{12}$

Task card 23 Repeating Decimals to Fractions

Write 0.44444... as a fraction in lowest terms.

$0.\overline{4}$

Task card 24 Repeating Decimals to Fractions

Write 0.7575... as a fraction in lowest terms.

$0.\overline{75}$

Repeating Decimals to Fractions Task Cards

Recording sheet · Grade 8 · The bar shows the digits that repeat forever. Write each decimal as a fraction in lowest terms (use an improper fraction if it is greater than 1).

Name: _____ Date: _____

Scan to check your answers

1	2	3	4
5	6	7	8
9	10	11	12
13	14	15	16
17	18	19	20
21	22	23	24

Repeating Decimals to Fractions Task Cards: Answer Key

Grade 8 · Easy

The answers online

1. $\frac{97}{99}$	**2.** $\frac{2}{11}$	**3.** $\frac{8}{11}$
4. $\frac{7}{9}$	**5.** $\frac{7}{33}$	**6.** $\frac{17}{99}$
7. $\frac{5}{9}$	**8.** $\frac{76}{99}$	**9.** $\frac{1}{3}$
10. $\frac{64}{99}$	**11.** $\frac{14}{99}$	**12.** $\frac{8}{9}$
13. $\frac{31}{33}$	**14.** $\frac{1}{99}$	**15.** $\frac{59}{99}$
16. $\frac{11}{15}$	**17.** $\frac{13}{18}$	**18.** $\frac{7}{99}$
19. $\frac{11}{18}$	**20.** $\frac{70}{99}$	**21.** $\frac{37}{45}$
22. $\frac{4}{33}$	**23.** $\frac{4}{9}$	**24.** $\frac{25}{33}$