Task card 1 Repeating Decimals to Fractions

Write 0.3434… as a fraction in lowest terms.

$0.\overline{34}$

Task card 2 Repeating Decimals to Fractions

Write 0.32222… as a fraction in lowest terms.

$0.3\overline{2}$

Task card 3 Repeating Decimals to Fractions

Write 0.66666… as a fraction in lowest terms.

$0.\overline{6}$

Task card 4 Repeating Decimals to Fractions

Write 0.1212… as a fraction in lowest terms.

$0.\overline{12}$

Task card 5 Repeating Decimals to Fractions

Write 0.18888… as a fraction in lowest terms.

$0.1\overline{8}$

Task card 6 Repeating Decimals to Fractions

Write 0.9090… as a fraction in lowest terms.

$0.\overline{90}$

Task card 7 Repeating Decimals to Fractions

Write 0.48888... as a fraction in lowest terms.

$0.4\overline{8}$

Task card 8 Repeating Decimals to Fractions

Write 4.11111... as a fraction in lowest terms.

$4.\overline{1}$

Task card 9 Repeating Decimals to Fractions

Write 0.21111... as a fraction in lowest terms.

$0.2\overline{1}$

Task card 10 Repeating Decimals to Fractions

Write 4.33333... as a fraction in lowest terms.

$4.\overline{3}$

Task card 11 Repeating Decimals to Fractions

Write 0.110... as a fraction in lowest terms.

$0.\overline{110}$

Task card 12 Repeating Decimals to Fractions

Write 5.77777... as a fraction in lowest terms.

$5.\overline{7}$

Task card 13 Repeating Decimals to Fractions

Write 0.6767… as a fraction in lowest terms.

$0.\overline{67}$

Task card 14 Repeating Decimals to Fractions

Write 0.22222… as a fraction in lowest terms.

$0.\overline{2}$

Task card 15 Repeating Decimals to Fractions

Write 0.82222… as a fraction in lowest terms.

$0.8\overline{2}$

Task card 16 Repeating Decimals to Fractions

Write 0.4646… as a fraction in lowest terms.

$0.\overline{46}$

Task card 17 Repeating Decimals to Fractions

Write 0.44444… as a fraction in lowest terms.

$0.\overline{4}$

Task card 18 Repeating Decimals to Fractions

Write 0.58888… as a fraction in lowest terms.

$0.5\overline{8}$

Task card 19 Repeating Decimals to Fractions

Write 0.94444… as a fraction in lowest terms.

$0.9\overline{4}$

Task card 20 Repeating Decimals to Fractions

Write 0.92222… as a fraction in lowest terms.

$0.9\overline{2}$

Task card 21 Repeating Decimals to Fractions

Write 0.141… as a fraction in lowest terms.

$0.\overline{141}$

Task card 22 Repeating Decimals to Fractions

Write 0.0303… as a fraction in lowest terms.

$0.\overline{03}$

Task card 23 Repeating Decimals to Fractions

Write 0.813… as a fraction in lowest terms.

$0.\overline{813}$

Task card 24 Repeating Decimals to Fractions

Write 0.1919… as a fraction in lowest terms.

$0.\overline{19}$

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 · Medium

The answers online

1. $\frac{34}{99}$	**2.** $\frac{29}{90}$	**3.** $\frac{2}{3}$
4. $\frac{4}{33}$	**5.** $\frac{17}{90}$	**6.** $\frac{10}{11}$
7. $\frac{22}{45}$	**8.** $\frac{37}{9}$	**9.** $\frac{19}{90}$
10. $\frac{13}{3}$	**11.** $\frac{110}{999}$	**12.** $\frac{52}{9}$
13. $\frac{67}{99}$	**14.** $\frac{2}{9}$	**15.** $\frac{37}{45}$
16. $\frac{46}{99}$	**17.** $\frac{4}{9}$	**18.** $\frac{53}{90}$
19. $\frac{17}{18}$	**20.** $\frac{83}{90}$	**21.** $\frac{47}{333}$
22. $\frac{1}{33}$	**23.** $\frac{271}{333}$	**24.** $\frac{19}{99}$