Task card 1 Repeating Decimals to Fractions

Write 0.0303... as a fraction in lowest terms.

$0.\overline{03}$

Task card 2 Repeating Decimals to Fractions

Write 0.089... as a fraction in lowest terms.

$0.\overline{089}$

Task card 3 Repeating Decimals to Fractions

Write 0.94444... as a fraction in lowest terms.

$0.9\overline{4}$

Task card 4 Repeating Decimals to Fractions

Write 0.86666... as a fraction in lowest terms.

$0.8\overline{6}$

Task card 5 Repeating Decimals to Fractions

Write 1.33333... as a fraction in lowest terms.

$1.\overline{3}$

Task card 6 Repeating Decimals to Fractions

Write 0.5050... as a fraction in lowest terms.

$0.\overline{50}$

Task card 7 Repeating Decimals to Fractions

Write 1.66666... as a fraction in lowest terms.

$1.\overline{6}$

Task card 8 Repeating Decimals to Fractions

Write 1.72222... as a fraction in lowest terms.

$1.7\overline{2}$

Task card 9 Repeating Decimals to Fractions

Write 1.23333... as a fraction in lowest terms.

$1.2\overline{3}$

Task card 10 Repeating Decimals to Fractions

Write 0.8585... as a fraction in lowest terms.

$0.\overline{85}$

Task card 11 Repeating Decimals to Fractions

Write 3.73333... as a fraction in lowest terms.

$3.7\overline{3}$

Task card 12 Repeating Decimals to Fractions

Write 0.916... as a fraction in lowest terms.

$0.\overline{916}$

Task card 13 Repeating Decimals to Fractions

Write $1.22222\ldots$ as a fraction in lowest terms.

$1.\overline{2}$

Task card 14 Repeating Decimals to Fractions

Write $0.47777\ldots$ as a fraction in lowest terms.

$0.4\overline{7}$

Task card 15 Repeating Decimals to Fractions

Write $3.88888\ldots$ as a fraction in lowest terms.

$3.\overline{8}$

Task card 16 Repeating Decimals to Fractions

Write $0.1313\ldots$ as a fraction in lowest terms.

$0.\overline{13}$

Task card 17 Repeating Decimals to Fractions

Write $0.4242\ldots$ as a fraction in lowest terms.

$0.\overline{42}$

Task card 18 Repeating Decimals to Fractions

Write $0.28888\ldots$ as a fraction in lowest terms.

$0.2\overline{8}$

Task card 19 Repeating Decimals to Fractions

Write $0.17777\ldots$ as a fraction in lowest terms.

$0.1\overline{7}$

Task card 20 Repeating Decimals to Fractions

Write $2.14444\ldots$ as a fraction in lowest terms.

$2.1\overline{4}$

Task card 21 Repeating Decimals to Fractions

Write $4.76666\ldots$ as a fraction in lowest terms.

$4.7\overline{6}$

Task card 22 Repeating Decimals to Fractions

Write $0.34444\ldots$ as a fraction in lowest terms.

$0.3\overline{4}$

Task card 23 Repeating Decimals to Fractions

Write $0.6969\ldots$ as a fraction in lowest terms.

$0.\overline{69}$

Task card 24 Repeating Decimals to Fractions

Write $0.5858\ldots$ as a fraction in lowest terms.

$0.\overline{58}$

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 · Hard

The answers online

1. $\frac{1}{33}$	**2.** $\frac{89}{999}$	**3.** $\frac{17}{18}$
4. $\frac{13}{15}$	**5.** $\frac{4}{3}$	**6.** $\frac{50}{99}$
7. $\frac{5}{3}$	**8.** $\frac{31}{18}$	**9.** $\frac{37}{30}$
10. $\frac{85}{99}$	**11.** $\frac{56}{15}$	**12.** $\frac{916}{999}$
13. $\frac{11}{9}$	**14.** $\frac{43}{90}$	**15.** $\frac{35}{9}$
16. $\frac{13}{99}$	**17.** $\frac{14}{33}$	**18.** $\frac{13}{45}$
19. $\frac{8}{45}$	**20.** $\frac{193}{90}$	**21.** $\frac{143}{30}$
22. $\frac{31}{90}$	**23.** $\frac{23}{33}$	**24.** $\frac{58}{99}$