



Определите, является ли десятичная дробь в результате бесконечной(R) или непериодической(T) .

ОТВЕТЫ

A fraction will result in a **terminating** decimal if the prime factors of the simplified denominator contain only 2s or 5s (or only 2s and 5s).

$$\frac{6}{40} = \frac{3}{20} = 2 \times 2 \times 5 = 0.15$$

A fraction will result in a **repeating** decimal if the prime factors of the simplified denominator contain any prime factor other than 2 or 5.

$$\frac{5}{42} = 2 \times 3 \times 7 = 0.1\overline{190476}$$

- 1) $\frac{7}{30} =$ _____
- 2) $\frac{12}{13} =$ _____
- 3) $182 : 25 =$ _____
- 4) $\frac{4}{12} =$ _____
- 5) $\frac{24}{29} =$ _____
- 6) $201 : 22 =$ _____
- 7) $82 : 8 =$ _____
- 8) $\frac{2}{3} =$ _____
- 9) $51 : 21 =$ _____
- 10) $\frac{6}{16} =$ _____
- 11) $255 : 26 =$ _____
- 12) $\frac{1}{5} =$ _____
- 13) $\frac{3}{4} =$ _____
- 14) $148 : 15 =$ _____
- 15) $\frac{18}{28} =$ _____

1. _____
2. _____
3. _____
4. _____
5. _____
6. _____
7. _____
8. _____
9. _____
10. _____
11. _____
12. _____
13. _____
14. _____
15. _____



Определите, является ли десятичная дробь в результате бесконечной(R) или непериодической(T) .

A fraction will result in a **terminating** decimal if the prime factors of the simplified denominator contain only 2s or 5s (or only 2s and 5s).

$$\frac{6}{40} = \frac{3}{20} = 2 \times 2 \times 5 = 0.15$$

A fraction will result in a **repeating** decimal if the prime factors of the simplified denominator contain any prime factor other than 2 or 5.

$$\frac{5}{42} = 2 \times 3 \times 7 = 0.1\overline{190476}$$

- 1) $\frac{7}{30} = \underline{2 \times 3 \times 5}$
- 2) $\frac{12}{13} = \underline{13}$
- 3) $182 : 25 = \underline{5 \times 5}$
- 4) $\frac{4}{12} = \underline{3}$
- 5) $\frac{24}{29} = \underline{29}$
- 6) $201 : 22 = \underline{2 \times 11}$
- 7) $82 : 8 = \underline{2 \times 2}$
- 8) $\frac{2}{3} = \underline{3}$
- 9) $51 : 21 = \underline{7}$
- 10) $\frac{6}{16} = \underline{2 \times 2 \times 2}$
- 11) $255 : 26 = \underline{2 \times 13}$
- 12) $\frac{1}{5} = \underline{5}$
- 13) $\frac{3}{4} = \underline{2 \times 2}$
- 14) $148 : 15 = \underline{3 \times 5}$
- 15) $\frac{18}{28} = \underline{2 \times 7}$

ОТВЕТЫ

1. Р
2. Р
3. Т
4. Р
5. Р
6. Р
7. Т
8. Р
9. Р
10. Т
11. Р
12. Т
13. Т
14. Р
15. Р