



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) $\frac{8}{12} =$ _____
- 2) $\frac{5}{8} =$ _____
- 3) $\frac{11}{15} =$ _____
- 4) $13 : 3 =$ _____
- 5) $19 : 6 =$ _____
- 6) $71 : 7 =$ _____
- 7) $\frac{20}{27} =$ _____
- 8) $196 : 20 =$ _____
- 9) $36 : 10 =$ _____
- 10) $61 : 26 =$ _____
- 11) $83 : 13 =$ _____
- 12) $17 : 4 =$ _____
- 13) $32 : 11 =$ _____
- 14) $\frac{14}{22} =$ _____
- 15) $166 : 25 =$ _____

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) .

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

- 1) $\frac{8}{12} =$ 3
- 2) $\frac{5}{8} =$ $2 \times 2 \times 2$
- 3) $\frac{11}{15} =$ 3×5
- 4) $13 : 3 =$ 3
- 5) $19 : 6 =$ 2×3
- 6) $71 : 7 =$ 7
- 7) $\frac{20}{27} =$ $3 \times 3 \times 3$
- 8) $196 : 20 =$ 5
- 9) $36 : 10 =$ 5
- 10) $61 : 26 =$ 2×13
- 11) $83 : 13 =$ 13
- 12) $17 : 4 =$ 2×2
- 13) $32 : 11 =$ 11
- 14) $\frac{14}{22} =$ 11
- 15) $166 : 25 =$ 5×5

ОТВЕТЫ

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