



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)  $156 : 16 =$  \_\_\_\_\_

2)  $\frac{20}{29} =$  \_\_\_\_\_

3)  $68 : 25 =$  \_\_\_\_\_

4)  $\frac{8}{11} =$  \_\_\_\_\_

5)  $202 : 20 =$  \_\_\_\_\_

6)  $\frac{2}{3} =$  \_\_\_\_\_

7)  $\frac{4}{23} =$  \_\_\_\_\_

8)  $\frac{8}{9} =$  \_\_\_\_\_

9)  $186 : 24 =$  \_\_\_\_\_

10)  $\frac{2}{6} =$  \_\_\_\_\_

11)  $127 : 26 =$  \_\_\_\_\_

12)  $\frac{7}{21} =$  \_\_\_\_\_

13)  $36 : 17 =$  \_\_\_\_\_

14)  $\frac{3}{4} =$  \_\_\_\_\_

15)  $7 : 2 =$  \_\_\_\_\_

1. \_\_\_\_\_

2. \_\_\_\_\_

3. \_\_\_\_\_

4. \_\_\_\_\_

5. \_\_\_\_\_

6. \_\_\_\_\_

7. \_\_\_\_\_

8. \_\_\_\_\_

9. \_\_\_\_\_

10. \_\_\_\_\_

11. \_\_\_\_\_

12. \_\_\_\_\_

13. \_\_\_\_\_

14. \_\_\_\_\_

15. \_\_\_\_\_



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1)  $156 : 16 = \underline{2 \times 2}$

2)  $\frac{20}{29} = \underline{29}$

3)  $68 : 25 = \underline{5 \times 5}$

4)  $\frac{8}{11} = \underline{11}$

5)  $202 : 20 = \underline{2 \times 5}$

6)  $\frac{2}{3} = \underline{3}$

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13)  $36 : 17 = \underline{17}$

14)  $\frac{3}{4} = \underline{2 \times 2}$

15)  $7 : 2 = \underline{2}$

**Ответы**1. Т2. Р3. Т4. Р5. Т6. Р7. Р8. Р9. Т10. Р11. Р12. Р13. Р14. Т15. Т