



Determina se ogni problema, quando convertito in un decimale, risulterà in un decimale ripetuto (R) o finale (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.

$$\frac{5}{42} = 2 \times 3 \times 7 = 0.1190476$$

Risposte

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

- 1) $\frac{19}{28} =$ _____
- 2) $\frac{1}{20} =$ _____
- 3) $5 : 2 =$ _____
- 4) $\frac{7}{14} =$ _____
- 5) $42 : 5 =$ _____
- 6) $40 : 19 =$ _____
- 7) $\frac{11}{13} =$ _____
- 8) $170 : 16 =$ _____
- 9) $81 : 8 =$ _____
- 10) $\frac{5}{24} =$ _____
- 11) $\frac{6}{9} =$ _____
- 12) $123 : 27 =$ _____
- 13) $201 : 25 =$ _____
- 14) $72 : 11 =$ _____
- 15) $\frac{2}{3} =$ _____



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1) $19/28 = 2 \times 2 \times 7$

2) $1/20 = 2 \times 2 \times 5$

3) $5 : 2 = 2$

4) $7/14 = 2$

5) $42 : 5 = 5$

6) $40 : 19 = 19$

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8) $170 : 16 = 2 \times 2 \times 2$

9) $81 : 8 = 2 \times 2 \times 2$

10) $5/24 = 2 \times 2 \times 2 \times 3$

11) $6/9 = 3$

12) $123 : 27 = 3 \times 3$

13) $201 : 25 = 5 \times 5$

14) $72 : 11 = 11$

15) $2/3 = 3$

Risposte1. **R**2. **T**3. **T**4. **T**5. **T**6. **R**7. **R**8. **T**9. **T**10. **R**11. **R**12. **R**13. **T**14. **R**15. **R**