



Determine si cada problema, cuando se convierte a decimal, dará como resultado un decimal periódico(P) o exacto (E).

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.

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

Respuestas

1. _____

2. _____

3. _____

4. _____

5. _____

6. _____

7. _____

8. _____

9. _____

10. _____

11. _____

12. _____

13. _____

14. _____

15. _____

- 1) $\frac{18}{27} =$ _____
- 2) $\frac{3}{8} =$ _____
- 3) $196 \div 24 =$ _____
- 4) $\frac{10}{28} =$ _____
- 5) $71 \div 22 =$ _____
- 6) $82 \div 14 =$ _____
- 7) $60 \div 21 =$ _____
- 8) $\frac{3}{5} =$ _____
- 9) $15 \div 4 =$ _____
- 10) $\frac{1}{2} =$ _____
- 11) $33 \div 7 =$ _____
- 12) $\frac{4}{6} =$ _____
- 13) $\frac{14}{30} =$ _____
- 14) $\frac{2}{17} =$ _____
- 15) $80 \div 9 =$ _____



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

- 1) $\frac{18}{27} =$ 3
- 2) $\frac{3}{8} =$ $2 \times 2 \times 2$
- 3) $196 \div 24 =$ 2×3
- 4) $\frac{10}{28} =$ 2×7
- 5) $71 \div 22 =$ 2×11
- 6) $82 \div 14 =$ 7
- 7) $60 \div 21 =$ 7
- 8) $\frac{3}{5} =$ 5
- 9) $15 \div 4 =$ 2×2
- 10) $\frac{1}{2} =$ 2
- 11) $33 \div 7 =$ 7
- 12) $\frac{4}{6} =$ 3
- 13) $\frac{14}{30} =$ 3×5
- 14) $\frac{2}{17} =$ 17
- 15) $80 \div 9 =$ 3×3

Respuestas

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