



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).

$$6/40 = 3/20 = 2 \times 2 \times 5 = 0.15$$

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.

$$5/42 = 2 \times 3 \times 7 = 0.1190476$$

1) $9/22 =$ _____

2) $2/6 =$ _____

3) $34 \div 5 =$ _____

4) $1/2 =$ _____

5) $211 \div 24 =$ _____

6) $9/17 =$ _____

7) $9/12 =$ _____

8) $247 \div 26 =$ _____

9) $2/7 =$ _____

10) $62 \div 20 =$ _____

11) $4/27 =$ _____

12) $63 \div 10 =$ _____

13) $87 \div 8 =$ _____

14) $114 \div 16 =$ _____

15) $9/13 =$ _____

Respuestas

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



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$$5/42 = 2 \times 3 \times 7 = 0.1190476$$

1) $9/22 =$ 2×11

2) $2/6 =$ 3

3) $34 \div 5 =$ 5

4) $1/2 =$ 2

5) $211 \div 24 =$ 2×2×2×3

6) $9/17 =$ 17

7) $9/12 =$ 2×2

8) $247 \div 26 =$ 2

9) $2/7 =$ 7

10) $62 \div 20 =$ 2×5

11) $4/27 =$ 3×3×3

12) $63 \div 10 =$ 2×5

13) $87 \div 8 =$ 2×2×2

14) $114 \div 16 =$ 2×2×2

15) $9/13 =$ 13

Respuestas

1. R

2. R

3. T

4. T

5. R

6. R

7. T

8. T

9. R

10. T

11. R

12. T

13. T

14. T

15. R