



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. \_\_\_\_\_
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11. \_\_\_\_\_
12. \_\_\_\_\_
13. \_\_\_\_\_
14. \_\_\_\_\_
15. \_\_\_\_\_

- 1)  $10 \div 3 =$  \_\_\_\_\_
- 2)  $\frac{1}{8} =$  \_\_\_\_\_
- 3)  $\frac{16}{20} =$  \_\_\_\_\_
- 4)  $102 \div 19 =$  \_\_\_\_\_
- 5)  $\frac{2}{17} =$  \_\_\_\_\_
- 6)  $288 \div 27 =$  \_\_\_\_\_
- 7)  $\frac{11}{13} =$  \_\_\_\_\_
- 8)  $\frac{6}{16} =$  \_\_\_\_\_
- 9)  $196 \div 30 =$  \_\_\_\_\_
- 10)  $\frac{21}{24} =$  \_\_\_\_\_
- 11)  $101 \div 15 =$  \_\_\_\_\_
- 12)  $243 \div 26 =$  \_\_\_\_\_
- 13)  $45 \div 18 =$  \_\_\_\_\_
- 14)  $84 \div 22 =$  \_\_\_\_\_
- 15)  $144 \div 14 =$  \_\_\_\_\_



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

1)  $10 \div 3 =$  3

2)  $\frac{1}{8} =$   $2 \times 2 \times 2$

3)  $\frac{16}{20} =$  5

4)  $102 \div 19 =$  19

5)  $\frac{2}{17} =$  17

6)  $288 \div 27 =$  3

7)  $\frac{11}{13} =$  13

8)  $\frac{6}{16} =$   $2 \times 2 \times 2$

9)  $196 \div 30 =$   $3 \times 5$

10)  $\frac{21}{24} =$   $2 \times 2 \times 2$

11)  $101 \div 15 =$   $3 \times 5$

12)  $243 \div 26 =$   $2 \times 13$

13)  $45 \div 18 =$  2

14)  $84 \div 22 =$  11

15)  $144 \div 14 =$  7

**Respuestas**

1. R

2. T

3. T

4. R

5. R

6. R

7. R

8. T

9. R

10. T

11. R

12. R

13. T

14. R

15. R



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**Respuestas**

1. \_\_\_\_\_
2. \_\_\_\_\_
3. \_\_\_\_\_
4. \_\_\_\_\_
5. \_\_\_\_\_
6. \_\_\_\_\_
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10. \_\_\_\_\_
11. \_\_\_\_\_
12. \_\_\_\_\_
13. \_\_\_\_\_
14. \_\_\_\_\_
15. \_\_\_\_\_

- 1)  $\frac{2}{5} =$  \_\_\_\_\_
- 2)  $47 \div 9 =$  \_\_\_\_\_
- 3)  $141 \div 16 =$  \_\_\_\_\_
- 4)  $108 \div 11 =$  \_\_\_\_\_
- 5)  $\frac{9}{17} =$  \_\_\_\_\_
- 6)  $\frac{12}{28} =$  \_\_\_\_\_
- 7)  $\frac{8}{20} =$  \_\_\_\_\_
- 8)  $\frac{2}{26} =$  \_\_\_\_\_
- 9)  $7 \div 2 =$  \_\_\_\_\_
- 10)  $151 \div 30 =$  \_\_\_\_\_
- 11)  $\frac{10}{12} =$  \_\_\_\_\_
- 12)  $\frac{12}{13} =$  \_\_\_\_\_
- 13)  $\frac{4}{14} =$  \_\_\_\_\_
- 14)  $92 \div 21 =$  \_\_\_\_\_
- 15)  $10 \div 4 =$  \_\_\_\_\_



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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.

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

- 1)  $\frac{2}{5} =$  5
- 2)  $47 \div 9 =$   $3 \times 3$
- 3)  $141 \div 16 =$   $2 \times 2 \times 2 \times 2$
- 4)  $108 \div 11 =$  11
- 5)  $\frac{9}{17} =$  17
- 6)  $\frac{12}{28} =$  7
- 7)  $\frac{8}{20} =$  5
- 8)  $\frac{2}{26} =$  13
- 9)  $7 \div 2 =$  2
- 10)  $151 \div 30 =$   $2 \times 3 \times 5$
- 11)  $\frac{10}{12} =$   $2 \times 3$
- 12)  $\frac{12}{13} =$  13
- 13)  $\frac{4}{14} =$  7
- 14)  $92 \div 21 =$   $3 \times 7$
- 15)  $10 \div 4 =$  2

**Respuestas**

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



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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. \_\_\_\_\_
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8. \_\_\_\_\_
9. \_\_\_\_\_
10. \_\_\_\_\_
11. \_\_\_\_\_
12. \_\_\_\_\_
13. \_\_\_\_\_
14. \_\_\_\_\_
15. \_\_\_\_\_

- 1)  $31 \div 3 =$  \_\_\_\_\_
- 2)  $\frac{1}{2} =$  \_\_\_\_\_
- 3)  $107 \div 28 =$  \_\_\_\_\_
- 4)  $\frac{4}{7} =$  \_\_\_\_\_
- 5)  $\frac{5}{13} =$  \_\_\_\_\_
- 6)  $\frac{7}{22} =$  \_\_\_\_\_
- 7)  $153 \div 25 =$  \_\_\_\_\_
- 8)  $271 \div 26 =$  \_\_\_\_\_
- 9)  $99 \div 24 =$  \_\_\_\_\_
- 10)  $\frac{7}{12} =$  \_\_\_\_\_
- 11)  $\frac{1}{4} =$  \_\_\_\_\_
- 12)  $166 \div 27 =$  \_\_\_\_\_
- 13)  $\frac{7}{8} =$  \_\_\_\_\_
- 14)  $\frac{7}{15} =$  \_\_\_\_\_
- 15)  $\frac{16}{23} =$  \_\_\_\_\_



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$$\frac{6}{40} = \frac{3}{20} = 2 \times 2 \times 5 = 0.15$$

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.

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

1)  $31 \div 3 =$  3

2)  $\frac{1}{2} =$  2

3)  $107 \div 28 =$   $2 \times 2 \times 7$

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

5)  $\frac{5}{13} =$  13

6)  $\frac{7}{22} =$   $2 \times 11$

7)  $153 \div 25 =$   $5 \times 5$

8)  $271 \div 26 =$   $2 \times 13$

9)  $99 \div 24 =$   $2 \times 2 \times 2$

10)  $\frac{7}{12} =$   $2 \times 2 \times 3$

11)  $\frac{1}{4} =$   $2 \times 2$

12)  $166 \div 27 =$   $3 \times 3 \times 3$

13)  $\frac{7}{8} =$   $2 \times 2 \times 2$

14)  $\frac{7}{15} =$   $3 \times 5$

15)  $\frac{16}{23} =$  23

**Respuestas**

1. R

2. T

3. R

4. R

5. R

6. R

7. T

8. R

9. T

10. R

11. T

12. R

13. T

14. R

15. R



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

**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





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**Respuestas**

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

1)  $136 \div 19 =$  \_\_\_\_\_

2)  $\frac{7}{26} =$  \_\_\_\_\_

3)  $8 \div 3 =$  \_\_\_\_\_

4)  $\frac{5}{23} =$  \_\_\_\_\_

5)  $79 \div 13 =$  \_\_\_\_\_

6)  $\frac{6}{12} =$  \_\_\_\_\_

7)  $48 \div 21 =$  \_\_\_\_\_

8)  $\frac{24}{27} =$  \_\_\_\_\_

9)  $\frac{8}{29} =$  \_\_\_\_\_

10)  $\frac{5}{30} =$  \_\_\_\_\_

11)  $172 \div 28 =$  \_\_\_\_\_

12)  $\frac{4}{10} =$  \_\_\_\_\_

13)  $36 \div 11 =$  \_\_\_\_\_

14)  $\frac{2}{8} =$  \_\_\_\_\_

15)  $\frac{8}{16} =$  \_\_\_\_\_



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

1)  $136 \div 19 =$  19

2)  $\frac{7}{26} =$  2×13

3)  $8 \div 3 =$  3

4)  $\frac{5}{23} =$  23

5)  $79 \div 13 =$  13

6)  $\frac{6}{12} =$  2

7)  $48 \div 21 =$  7

8)  $\frac{24}{27} =$  3×3

9)  $\frac{8}{29} =$  29

10)  $\frac{5}{30} =$  2×3

11)  $172 \div 28 =$  7

12)  $\frac{4}{10} =$  5

13)  $36 \div 11 =$  11

14)  $\frac{2}{8} =$  2×2

15)  $\frac{8}{16} =$  2

**Respuestas**

1. R

2. R

3. R

4. R

5. R

6. T

7. R

8. R

9. R

10. R

11. R

12. T

13. R

14. T

15. T



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

**Respuestas**

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

- 1)  $\frac{5}{23} =$  \_\_\_\_\_
- 2)  $\frac{21}{25} =$  \_\_\_\_\_
- 3)  $\frac{7}{13} =$  \_\_\_\_\_
- 4)  $73 \div 30 =$  \_\_\_\_\_
- 5)  $61 \div 7 =$  \_\_\_\_\_
- 6)  $\frac{10}{24} =$  \_\_\_\_\_
- 7)  $77 \div 8 =$  \_\_\_\_\_
- 8)  $\frac{3}{4} =$  \_\_\_\_\_
- 9)  $\frac{8}{9} =$  \_\_\_\_\_
- 10)  $107 \div 15 =$  \_\_\_\_\_
- 11)  $40 \div 6 =$  \_\_\_\_\_
- 12)  $\frac{16}{29} =$  \_\_\_\_\_
- 13)  $139 \div 22 =$  \_\_\_\_\_
- 14)  $86 \div 26 =$  \_\_\_\_\_
- 15)  $\frac{13}{21} =$  \_\_\_\_\_



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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.

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

- 1)  $\frac{5}{23} =$  23
- 2)  $\frac{21}{25} =$  5×5
- 3)  $\frac{7}{13} =$  13
- 4)  $73 \div 30 =$  2×3×5
- 5)  $61 \div 7 =$  7
- 6)  $\frac{10}{24} =$  2×2×3
- 7)  $77 \div 8 =$  2×2×2
- 8)  $\frac{3}{4} =$  2×2
- 9)  $\frac{8}{9} =$  3×3
- 10)  $107 \div 15 =$  3×5
- 11)  $40 \div 6 =$  3
- 12)  $\frac{16}{29} =$  29
- 13)  $139 \div 22 =$  2×11
- 14)  $86 \div 26 =$  13
- 15)  $\frac{13}{21} =$  3×7

**Respuestas**

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



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

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**Respuestas**

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

- 1)  $195 \div 30 =$  \_\_\_\_\_
- 2)  $161 \div 18 =$  \_\_\_\_\_
- 3)  $49 \div 24 =$  \_\_\_\_\_
- 4)  $\frac{1}{2} =$  \_\_\_\_\_
- 5)  $46 \div 22 =$  \_\_\_\_\_
- 6)  $114 \div 11 =$  \_\_\_\_\_
- 7)  $230 \div 28 =$  \_\_\_\_\_
- 8)  $\frac{1}{3} =$  \_\_\_\_\_
- 9)  $\frac{14}{21} =$  \_\_\_\_\_
- 10)  $168 \div 17 =$  \_\_\_\_\_
- 11)  $\frac{3}{4} =$  \_\_\_\_\_
- 12)  $\frac{6}{10} =$  \_\_\_\_\_
- 13)  $\frac{11}{25} =$  \_\_\_\_\_
- 14)  $\frac{6}{9} =$  \_\_\_\_\_
- 15)  $73 \div 12 =$  \_\_\_\_\_



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

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$$\frac{6}{40} = \frac{3}{20} = 2 \times 2 \times 5 = 0.15$$

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.

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

1)  $195 \div 30 =$  2

2)  $161 \div 18 =$   $2 \times 3 \times 3$

3)  $49 \div 24 =$   $2 \times 2 \times 2 \times 3$

4)  $\frac{1}{2} =$  2

5)  $46 \div 22 =$  11

6)  $114 \div 11 =$  11

7)  $230 \div 28 =$   $2 \times 7$

8)  $\frac{1}{3} =$  3

9)  $\frac{14}{21} =$  3

10)  $168 \div 17 =$  17

11)  $\frac{3}{4} =$   $2 \times 2$

12)  $\frac{6}{10} =$  5

13)  $\frac{11}{25} =$   $5 \times 5$

14)  $\frac{6}{9} =$  3

15)  $73 \div 12 =$   $2 \times 2 \times 3$

**Respuestas**1. T2. R3. R4. T5. R6. R7. R8. R9. R10. R11. T12. T13. T14. R15. R



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)  $\frac{7}{30} =$  \_\_\_\_\_
- 2)  $\frac{12}{13} =$  \_\_\_\_\_
- 3)  $182 \div 25 =$  \_\_\_\_\_
- 4)  $\frac{4}{12} =$  \_\_\_\_\_
- 5)  $\frac{24}{29} =$  \_\_\_\_\_
- 6)  $201 \div 22 =$  \_\_\_\_\_
- 7)  $82 \div 8 =$  \_\_\_\_\_
- 8)  $\frac{2}{3} =$  \_\_\_\_\_
- 9)  $51 \div 21 =$  \_\_\_\_\_
- 10)  $\frac{6}{16} =$  \_\_\_\_\_
- 11)  $255 \div 26 =$  \_\_\_\_\_
- 12)  $\frac{1}{5} =$  \_\_\_\_\_
- 13)  $\frac{3}{4} =$  \_\_\_\_\_
- 14)  $148 \div 15 =$  \_\_\_\_\_
- 15)  $\frac{18}{28} =$  \_\_\_\_\_



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.

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

- 1)  $\frac{7}{30} =$  2×3×5
- 2)  $\frac{12}{13} =$  13
- 3)  $182 \div 25 =$  5×5
- 4)  $\frac{4}{12} =$  3
- 5)  $\frac{24}{29} =$  29
- 6)  $201 \div 22 =$  2×11
- 7)  $82 \div 8 =$  2×2
- 8)  $\frac{2}{3} =$  3
- 9)  $51 \div 21 =$  7
- 10)  $\frac{6}{16} =$  2×2×2
- 11)  $255 \div 26 =$  2×13
- 12)  $\frac{1}{5} =$  5
- 13)  $\frac{3}{4} =$  2×2
- 14)  $148 \div 15 =$  3×5
- 15)  $\frac{18}{28} =$  2×7

**Respuestas**

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





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

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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)  $\frac{22}{27} =$  \_\_\_\_\_
- 2)  $\frac{8}{28} =$  \_\_\_\_\_
- 3)  $\frac{10}{20} =$  \_\_\_\_\_
- 4)  $\frac{5}{16} =$  \_\_\_\_\_
- 5)  $62 \div 13 =$  \_\_\_\_\_
- 6)  $63 \div 6 =$  \_\_\_\_\_
- 7)  $73 \div 11 =$  \_\_\_\_\_
- 8)  $\frac{17}{29} =$  \_\_\_\_\_
- 9)  $\frac{10}{19} =$  \_\_\_\_\_
- 10)  $\frac{17}{24} =$  \_\_\_\_\_
- 11)  $78 \div 15 =$  \_\_\_\_\_
- 12)  $206 \div 21 =$  \_\_\_\_\_
- 13)  $101 \div 10 =$  \_\_\_\_\_
- 14)  $64 \div 7 =$  \_\_\_\_\_
- 15)  $\frac{3}{26} =$  \_\_\_\_\_



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.

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

- 1)  $\frac{22}{27} =$   $3 \times 3 \times 3$
- 2)  $\frac{8}{28} =$   $7$
- 3)  $\frac{10}{20} =$   $2$
- 4)  $\frac{5}{16} =$   $2 \times 2 \times 2 \times 2$
- 5)  $62 \div 13 =$   $13$
- 6)  $63 \div 6 =$   $2$
- 7)  $73 \div 11 =$   $11$
- 8)  $\frac{17}{29} =$   $29$
- 9)  $\frac{10}{19} =$   $19$
- 10)  $\frac{17}{24} =$   $2 \times 2 \times 2 \times 3$
- 11)  $78 \div 15 =$   $5$
- 12)  $206 \div 21 =$   $3 \times 7$
- 13)  $101 \div 10 =$   $2 \times 5$
- 14)  $64 \div 7 =$   $7$
- 15)  $\frac{3}{26} =$   $2 \times 13$

**Respuestas**

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



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)  $156 \div 16 =$  \_\_\_\_\_

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

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

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

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

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

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

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

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

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

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

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

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

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

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



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.

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

1)  $156 \div 16 =$   $2 \times 2$

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

3)  $68 \div 25 =$   $5 \times 5$

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

5)  $202 \div 20 =$   $2 \times 5$

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

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

8)  $\frac{8}{9} =$   $3 \times 3$

9)  $186 \div 24 =$   $2 \times 2$

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

11)  $127 \div 26 =$   $2 \times 13$

12)  $\frac{7}{21} =$   $3$

13)  $36 \div 17 =$   $17$

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

15)  $7 \div 2 =$   $2$

**Respuestas**

1. **T**

2. **R**

3. **T**

4. **R**

5. **T**

6. **R**

7. **R**

8. **R**

9. **T**

10. **R**

11. **R**

12. **R**

13. **R**

14. **T**

15. **T**