



Déterminez si chaque problème converti en nombre décimal se traduira par un nombre décimal répétitif (R) ou final (T).

Réponses

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) $68 \div 14 =$ _____

2) $56 \div 6 =$ _____

3) $66 \div 19 =$ _____

4) $177 \div 27 =$ _____

5) $10/17 =$ _____

6) $6/18 =$ _____

7) $94 \div 12 =$ _____

8) $2/8 =$ _____

9) $5/7 =$ _____

10) $21/23 =$ _____

11) $14/28 =$ _____

12) $60 \div 9 =$ _____

13) $22 \div 4 =$ _____

14) $10/11 =$ _____

15) $3/10 =$ _____

1. _____

2. _____

3. _____

4. _____

5. _____

6. _____

7. _____

8. _____

9. _____

10. _____

11. _____

12. _____

13. _____

14. _____

15. _____



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1) $68 \div 14 = \underline{7}$

2) $56 \div 6 = \underline{3}$

3) $66 \div 19 = \underline{19}$

4) $177 \div 27 = \underline{3 \times 3}$

5) $10/17 = \underline{17}$

6) $6/18 = \underline{3}$

7) $94 \div 12 = \underline{2 \times 3}$

8) $2/8 = \underline{2 \times 2}$

9) $5/7 = \underline{7}$

10) $21/23 = \underline{23}$

11) $14/28 = \underline{2}$

12) $60 \div 9 = \underline{3}$

13) $22 \div 4 = \underline{2}$

14) $10/11 = \underline{11}$

15) $3/10 = \underline{2 \times 5}$

1. R

2. R

3. R

4. R

5. R

6. R

7. R

8. T

9. R

10. R

11. T

12. R

13. T

14. R

15. T