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).

$^6/_{40} = {}^3/_{20} = 2{\times}2{\times}5 = 0.15$

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.

$^5/_{42} = 2{\times}3{\times}7 = 0.1\overline{190476}$

1) 40 : 11 = _____

2) $^1/_{21}$ = _____

3) 13 : 4 = _____

4) 28 : 6 = _____

5) $^9/_{10}$ = _____

6) $^9/_{20}$ = _____

7) 216 : 23 = _____

8) 118 : 27 = _____

9) 86 : 15 = _____

10) $^7/_{12}$ = _____

11) $^1/_7$ = _____

12) $^8/_{19}$ = _____

13) $^2/_3$ = _____

14) 168 : 29 = _____

15) $^{15}/_{17}$ = _____

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

1-10	93	87	80	73	67	60	53	47	40	33
11-15	27	20	13	7	0					

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).
>
> $^6/_{40} = {}^3/_{20} = 2×2×5 = 0.15$
>
> 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.
>
> $^5/_{42} = 2×3×7 = 0.1\overline{190476}$

1) $40 : 11 = $ ___11___

2) $^1/_{21} = $ ___3×7___

3) $13 : 4 = $ ___2×2___

4) $28 : 6 = $ ___3___

5) $^9/_{10} = $ ___2×5___

6) $^9/_{20} = $ ___2×2×5___

7) $216 : 23 = $ ___23___

8) $118 : 27 = $ ___3×3×3___

9) $86 : 15 = $ ___3×5___

10) $^7/_{12} = $ ___2×2×3___

11) $^1/_7 = $ ___7___

12) $^8/_{19} = $ ___19___

13) $^2/_3 = $ ___3___

14) $168 : 29 = $ ___29___

15) $^{15}/_{17} = $ ___17___

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

1-10	93	87	80	73	67	60	53	47	40	33
11-15	27	20	13	7	0					