Divisibility Rules

Mention Yes / No.

1)

41, 346	
by 4	
by 6	
by 8	
by 12	

2)

121	
by 3	
by 5	
by 7	
by 9	

3)

48	
by 2	
by 3	
by 6	
by 7	

4)

2, 744	
by 7	
by 8	
by 9	
by 11	

5)

10, 000	
by 2	
by 4	
by 5	
by 10	

6)

5, 775	
by 3	
by 5	
by 7	
by 12	

7) 505

Divisible by 3? _____

Divisible by 5? _____

Divisible by 6? _____

8) 24

Divisible by 2? _____

Divisible by 7? _____

Divisible by 4? _____

9) 1, 647

Divisible by 3? _____

Divisible by 9? _____

Divisible by 11? _____

10) 33, 343

Divisible by 10? _____

Divisible by 11? _____

Divisible by 12? _____

Divisibility Rules

Answer key

Mention Yes / No.

1)

41, 346	
by 4	**No**
by 6	**Yes**
by 8	**No**
by 12	**No**

2)

121	
by 3	**No**
by 5	**No**
by 7	**No**
by 9	**No**

3)

48	
by 2	**Yes**
by 3	**Yes**
by 6	**Yes**
by 7	**No**

4)

2, 744	
by 7	**Yes**
by 8	**Yes**
by 9	**No**
by 11	**No**

5)

10, 000	
by 2	**Yes**
by 4	**Yes**
by 5	**Yes**
by 10	**Yes**

6)

5, 775	
by 3	**No**
by 5	**Yes**
by 7	**Yes**
by 12	**No**

7) 505

Divisible by 3? **No**

Divisible by 5? **Yes**

Divisible by 6? **No**

8) 24

Divisible by 2? **Yes**

Divisible by 7? **No**

Divisible by 4? **Yes**

9) 1, 647

Divisible by 3? **Yes**

Divisible by 9? **Yes**

Divisible by 11? **No**

10) 33, 343

Divisible by 10? **No**

Divisible by 11? **No**

Divisible by 12? **No**