TESTS FOR DIVISIBILITY

A number is divisible by:

2................if it ends in 0 ,2, 4, 6,or 8

3................if the sum of its digits is divisible by 3

4................if the last two digits make a number that is divisible by 4

5................if it ends in 0 or 5

6................if it divisible by both 2 and 3

8................if the last three digits make a number that is divisible by 8

9................if the sum of its digits is divisible by 9

10..............if it ends in 0

Using the tests for divisibility, determine which of the numbers 2,3,4,5,6,8,9,10, divide the following.

1. 378 is divisible by _____

2. 550 is divisible by_____

3. 572 is divisible by_____

4. 280 is divisible by_____

5. 612 is divisible by_____

6. 2025 is divisible by_____

7. 3000 is divisible by_____

8. 1001 is divisible by_____

9. 372 is divisible by_____

10. 146 is divisible by_____

11. 1848 is divisible by_____

12. 513 is divisible by_____

ANSWERS   ON   REVERSE
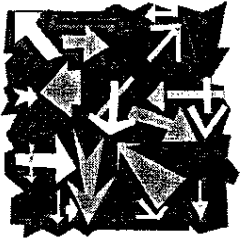
ANSWER SHEET

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Using the tests for divisibility, determine which of the numbers 2,3,4,5,6,8,9,10, divide the following.

1. 378 is divisible by _2 ,3 ,6 ,9_

2. 550 is divisible by _2, 5, 10_

3. 572 is divisible by _2, 4_

4. 280 is divisible by _2,4,5,8,10_

5. 612 is divisible by _2,3,4,6,9_

6. 2025 is divisible by _3,5,9_

7. 3000 is divisible by _2,3,4,5,6,8,10_

8. 1001 is divisible by _7_

9. 372 is divisible by _2,3,4,6_

10. 146 is divisible by _2_

11. 1848 is divisible by _2,3,4,6,7,8_

12. 513 is divisible by _3,9_