Worksheet

Problem quickname: 8903

1)

Why is this statement true? Specify the appropriate divisibility rule.

   a) 18632 is not divisible by 125.

   b) 8145 is divisible by nine.

   c) 86890 is not divisible by 20.

   d) 3476 is not divisible by ten.

   e) 30774 is not divisible by ten.

   f) 28771 is not divisible by ten.

   g) 86119 is not divisible by ten.

   h) 1412 is not divisible by 25.

   i) 82873 is not divisible by 100.

   j) 1772 is not divisible by 25.

2)

Is that statement true? Specify the appropriate divisibility rule.

   a) 6157 is divisible by nine.

   b) 99063 is divisible by 50.

   c) 8657 is divisible by nine.

   d) 82984 is divisible by 50.

   e) 23432 is divisible by 20.

   f) 1806 is divisible by 25.

   g) 29461 is divisible by 50.

   h) 36075 is divisible by 20.

   i) 7314 is divisible by three.

   j) 173 is divisible by two.

3)

Is that statement true? Specify the appropriate divisibility rule.

 a) 51 is divisible by two.

 b) 31519 is divisible by 20.

 c) 1135 is divisible by 25.

 d) 73 is divisible by two.

 e) 125 is divisible by two.

 f) 806 is divisible by 25.

 g) 147 is divisible by five.

 h) 1419 is divisible by 20.

 i) 2157 is divisible by three.

 j) 450 is divisible by 25.

4)

Why is this statement true? Specify the appropriate divisibility rule.

 a) 825 is divisible by 25.

 b) 9762 is divisible by three.

 c) 91425 is not divisible by 40.

 d) 15035 is not divisible by 125.

 e) 184 is divisible by two.

 f) 50780 is not divisible by 40.

 g) 47333 is not divisible by 100.

 h) 19628 is not divisible by 125.

 i) 93829 is not divisible by 40.

 j) 8547 is divisible by three.

Good Luck!