Worksheet

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Problem quickname: 8903

<u>1)</u>

Is that statement true? Specify the appropriate divisibility rule.

   a) 11209 is divisible by eight.

   b) 67220 is divisible by 40.

   c) 91 is divisible by five.

   d) 1905 is divisible by four.

   e) 1769 is divisible by 25.

   f) 76491 is divisible by 20.

   g) 28937 is divisible by 40.

   h) 157 is divisible by two.

   i) 5 is divisible by two.

   j) 144 is divisible by five.

<u>2)</u>

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

   a) 79 is not divisible by five.

   b) 946 is not divisible by nine.

   c) 37969 is not divisible by 20.

   d) 70998 is not divisible by 100.

   e) 6017 is not divisible by three.

   f) 120 is divisible by five.

   g) 8586 is divisible by nine.

   h) 91521 is not divisible by 40.

   i) 12332 is not divisible by 125.

   j) 67040 is divisible by 40.

3)

Is that statement true? Specify the appropriate divisibility rule.

a) 126 is divisible by two.

b) 254 is divisible by 25.

c) 64884 is divisible by 50.

d) 3155 is divisible by nine.

e) 4882 is divisible by nine.

f) 88 is divisible by five.

g) 141 is divisible by five.

h) 37613 is divisible by 50.

i) 18440 is divisible by 50.

j) 5595 is divisible by nine.

4)

Is that statement true? Specify the appropriate divisibility rule.

a) 160 is divisible by two. True, because the last digit of the number is a zero.

b) 723 is divisible by four.

c) 808 is divisible by four.

d) 49 is divisible by 25.

e) 88121 is divisible by 40.

f) 6612 is divisible by eight.

g) 947 is divisible by 25.

h) 164 is divisible by two.

i) 20600 is divisible by 20.

j) 12633 is divisible by eight.

Good Luck!