## Worksheet

09/26/2018
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Problem quickname: 7651

## 1)

Verify these statements regarding divisibility. For each one, tell whether it is true or false-
a) 99 is not a multiple of 5
b) $2 \mid 4$
c) $19 \mid 38$
d) 14 is a multiple of 2
e) $17 \mid 85$
f) 9 is a multiple of 3
g) 92 is not a multiple of 3
h) $2 \mid 40$
i) 85 is a multiple of 5
j) 68 is not a multiple of 14
2)

Verify these statements regarding divisibility. For each one, tell whether it is true or false-
a) $3 \mid 42$
b) $2 \mid 4$
c) $4 \mid 32$
d) $8 \times 49$
e) $2 \mid 10$
f) 7 is not a multiple of 3
g) $2 \mid 30$
h) $3 \mid 21$
i) $10 \times 49$
j) $6 \mid 36$

## 3)

Verify these statements regarding divisibility. For each one, tell whether it is true or false-
a) 35 is a multiple of 7
b) 22 divides 44
c) 6 does not divide 44
d) 20 is a multiple of 5
e) 14 does not divide 35
f) 7 divides 49
g) 33 is a multiple of 3
h) 4 is a multiple of 2
i) 9 is not a multiple of 2
j) 4 does not divide 15
4)

Verify these statements regarding divisibility. For each one, tell whether it is true or false-
a) 7 is not a multiple of 3
b) 69 is not a multiple of 17
c) 93 is not a multiple of 12
d) $13 \times 59$
e) 51 is a multiple of 17
f) $4 \times 50$
g) $14 \nmid 93$
h) 69 is a multiple of 23
i) 78 is a multiple of 3
j) 22 is a multiple of 11

## Good Luck!

