

The Pumpkin Patch

A quick puzzle on divisibility by 2, 3 and 5

Nine pumpkins grew in the patch. Each one has a number and a letter.

1. Cross out every pumpkin whose number is divisible by 2.
2. Cross out every pumpkin whose number is divisible by 5.
3. Circle the pumpkins that are left AND are divisible by 3.

Read the circled letters from left to right, top to bottom. Which tree do they name?



36

B



27

O



45

M



22

W



51

A



84

D



55

L



93

K



71

F

--	--	--

Bonus: one pumpkin is not divisible by 2, by 3 or by 5. Which number is it? _____

Answer key.

Divisible by 2: 36, 22, 84 (cross out).

Divisible by 5: 45, 55 (cross out). Left: 27, 51, 93, 71.

Divisible by 3: 27 ($2 + 7 = 9$), 51 ($5 + 1 = 6$), 93 ($9 + 3 = 12$) $\rightarrow$ O, A, K: OAK.

Bonus: 71.