

Test of Divisibility

1. Which of the following numbers are divisible by 2? Tick (✓) them.

a. $36 = \checkmark$

b. $45 = \times$

c. $241 = \checkmark$

d. $918 = \checkmark$

e. $2140 = \checkmark$

f. $4309 = \checkmark$

g. $6100 = \times$

h. $25, 268 = \checkmark$

i. $18,025 = \checkmark$

j. $36,040 = \times$

k. $91,273 = \checkmark$

l. $42,406 = \checkmark$

2. What is the least number that must be added to the following numbers to get the numbers divisible by 2?

a. $397 = 1$

b. $859 = 1$

c. $1105 = 4$

d. $2841 = 1$

e. $7043 = 1$

3. What is the least number that must be ^{subtracted} ~~added~~ to the from the following numbers to get the number divisible by 2?

- a. $99 \div 1$
- b. $433 \div 1$
- c. $9603 \div 1$
- d. $2145 \div 1$
- e. $22,243 \div 1$

- 4. a. is 4122 divisible by 2? = yes
- b. is 3646 divisible by 2? = yes
- c. Will their difference also be divisible by 2? = no
- d. Will their sum also be divisible by 2? = yes

5. Find without actual division, which of the following numbers are divisible by 9. Tick (✓) them.

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| a. $72 = \checkmark$ | h/x |
| b. $96 = \checkmark$ | i/✓ |
| c. $124 = \checkmark$ | j/✓ |
| d. $318 = \checkmark$ | k/✓ |
| e. $814 = \times$ | l/✓ |
| f. $930 = \times$ | |
| g. $1726 = \times$ | |