



Math worksheet on 'Divisibility Rules (Medium) - Divisor to Condition (Level 3)'. Part of a broader unit on 'Divisibility Rules - Intro'

Learn online: app.mobius.academy/math/units/divisibility_rules_intro/

1 What tells you that a number is divisible by 6?

$X \div 6$

a	The last three digits are divisible by 8
b	The last two digits are divisible by 4
c	Is divisible by both 2 and 3
d	Is any integer
e	The last digit is 0
f	The digits add up to a number divisible by 9

2 What tells you that a number is divisible by 8?

$X \div 8$

a	Is any integer
b	Is divisible by both 2 and 3
c	The last digit is 0 or 5
d	Is divisible by both 4 and 3
e	The last three digits are divisible by 8
f	The digits add up to a number divisible by 9

3 What tells you that a number is divisible by 4?

$X \div 4$

a	Is divisible by both 4 and 3
b	The digits add up to a number divisible by 3
c	The last three digits are divisible by 8
d	The last digit is 0 or 5
e	The last two digits are divisible by 4
f	The digits add up to a number divisible by 9

4 What tells you that a number is divisible by 12?

$X \div 12$

a	The digits add up to a number divisible by 3
b	The last digit is 0 or 5
c	The last digit is 0
d	The last three digits are divisible by 8
e	Is divisible by both 4 and 3
f	Is divisible by both 2 and 3