

Name _____

Date _____



GCF & LCM RIDDLES 1

Use the clues to work out the correct pair of numbers from the 6 possibilities.



CHALLENGE 1

- My greatest common factor is not 1.
- My least common multiple is less than 50.
- One of my common factors is 3.

Who am I? _____

A

20 AND 6

B

9 AND 12

C

20 AND 8

D

12 AND 15

E

11 AND 4

F

30 AND 40

CHALLENGE 2

- My greatest common factor is less than 7.
- One of my common multiples is 120, but it is not my LCM.
- 10 is not a factor of either of my numbers.

Who am I? _____

Name

Date



GCF & LCM RIDDLES 1 ANSWERS

Use the clues to work out the correct pair of numbers from the 6 possibilities.



CHALLENGE 1

- My greatest common factor is not 1.
- My least common multiple is less than 50.
- One of my common factors is 3.

Who am I? **B) 9 AND 12**

A 20 AND 6	B 9 AND 12	C 20 AND 8
D 12 AND 15	E 11 AND 4	F 30 AND 40

CHALLENGE 2

- My greatest common factor is less than 7.
- One of my common multiples is 120, but it is not my LCM.
- 10 is not a factor of either of my numbers.

Who am I? **D) 12 AND 15**