

Name

Date



FACTORS AND MULTIPLES SHEET 4:3

POSSIBLE OR IMPOSSIBLE?

- If you can find an example for each of the statements below, write down your example.
- If you think it is impossible, write 'Impossible' in the box.

1)	A multiple of 7 between 80 and 90.	
2)	A factor of 50 between 11 and 20.	
3)	A prime number between 44 and 50.	
4)	An odd multiple of 6 which is less than 100.	
5)	A prime number between 32 and 36.	
6)	An even prime number.	
7)	An odd number under 50 with at least 5 factors.	



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FACTORS AND MULTIPLES SHEET 4:3 ANSWERS

POSSIBLE OR IMPOSSIBLE?

1)	A multiple of 7 between 80 and 90.	84
2)	A factor of 50 between 11 and 20.	impossible
3)	A prime number between 44 and 50.	47
4)	An odd multiple of 6 which is less than 100.	Impossible - all the multiples of 6 are even
5)	A prime number between 32 and 36.	Impossible
6)	An even prime number.	2 (it is the only even prime number)
7)	An odd number under 50 with at least 5 factors.	45 - the factors are 1, 3, 5, 9, 15, 45