

Name

Date



MULTIPLES AND FACTORS SHEET 4:2

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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MULTIPLES AND FACTORS SHEET 4:2 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

