

# Dividing by four and six

This task is about identifying numbers that are divisible by four or six.

- a) Select all the numbers in this list that are exactly divisible by 4.  
(that means that they have no remainder if they are divided by 4).

<input type="radio"/> 14	<input type="radio"/> 24	<input type="radio"/> 44	<input type="radio"/> 66	<input type="radio"/> 87
<input type="radio"/> 100	<input type="radio"/> 140	<input type="radio"/> 150	<input type="radio"/> 176	<input type="radio"/> 222

Explain how you know that a number is exactly divisible by 4.

- b) Select all the numbers in this list that are exactly divisible by 6.  
(that means that they have no remainder if they are divided by 6).

<input type="radio"/> 16	<input type="radio"/> 24	<input type="radio"/> 33	<input type="radio"/> 42	<input type="radio"/> 56
<input type="radio"/> 78	<input type="radio"/> 93	<input type="radio"/> 108	<input type="radio"/> 166	<input type="radio"/> 228

Explain how you know that a number is exactly divisible by 6.

- c) Drag the numbers to the box that best describes how they are divisible.

148	82	84	256	102	54	108	242	120	58
-----	----	----	-----	-----	----	-----	-----	-----	----

Divisible by 4 and 6	Divisible by 4 only	Divisible by 6 only	Not divisible by 4 or 6
----------------------	---------------------	---------------------	-------------------------