

## Word Problem: location

Write a function called *location*, which consumes a *DeliveryState*, and produces a *String* representing the location of a box: either “road” “delivery zone”, “house”, or “air”.

Contract+Purpose Statement

# location :: DeliveryState → String

# Consumes a *DeliveryState* and produces the location of the box: either “road”, “delivery zone”, “house”, or “air”

Give Examples

examples:

	a-delivery		location-name
<u>location</u>	( <u>delivery(100, 400)</u> )	is	<u>“air”</u>
<u>location</u>	( <u>delivery(320, 75)</u> )	is	<u>“delivery zone”</u>
<u>location</u>	( <u>delivery(50, 75)</u> )	is	<u>“road”</u>
<u>location</u>	( <u>delivery(600, 240)</u> )	is	<u>“house”</u>

end

(worksheet continues next page)