## LOGICAL REASONING

## Yellow:

Use the blocks with their true statements to determine whether the conclusion is TRUE or FALSE.

- 1. Diego bought a pretzel.
- 2. Angela and Diego went shopping.
- 3. Angela bought a pretzel.
- 4. Diego had some of Angela's pizza.

1. If \_\_\_\_\_\_, then \_\_\_\_\_.

## Green:

2.

Because robots can withstand higher temperatures that humans, a fire-fighting robot is under development.

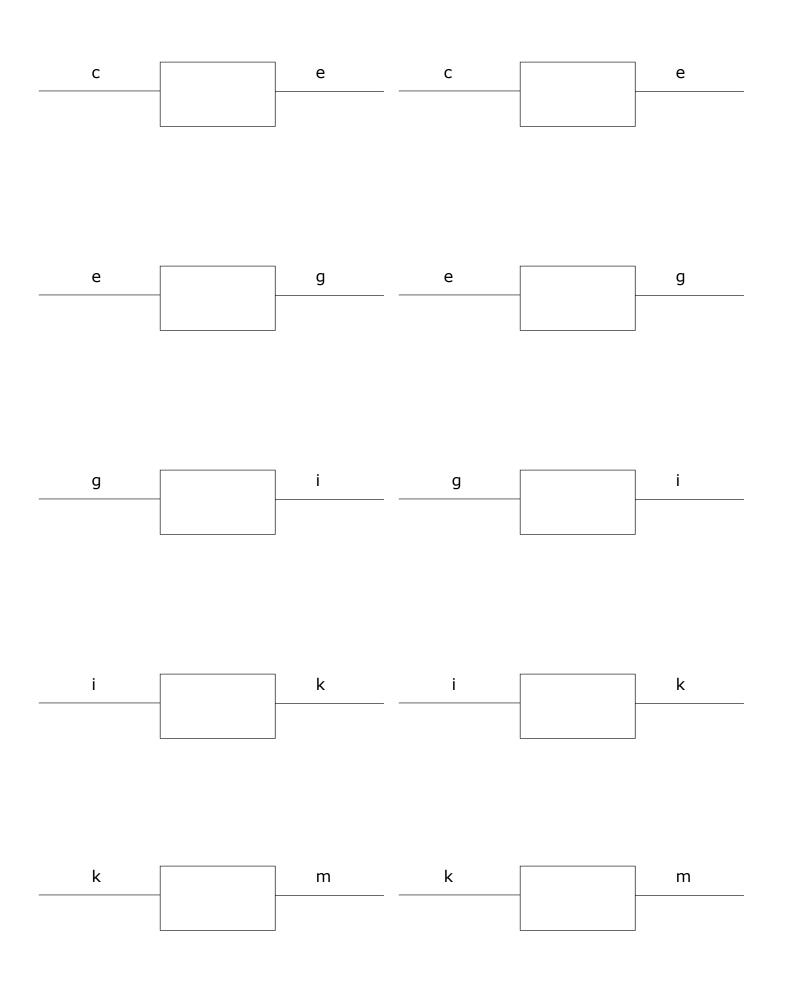
Put the blocks in order. Translate them into "If – Then" statements and write them in order.

2.	If, then
3.	If, then
4.	If, then
5.	If, then
Co	mplete the conditional "If there is a fire, then"
Blue	
Us	e the true statements to form other conditionals (If-Then's).
	1.

the robot sets off a fire alarm	it concludes there is a fire	the robot sets off a fire alarm	it concludes there is a fire
the robot senses high levels of smoke and heat	it sets off a fire alarm	the robot senses high levels of smoke and heat	it sets off a fire alarm
the robot locates the fire	the robot extinguishes the fire	the robot locates the fire	the robot extinguishes the fire
there is a fire	the robot senses high levels of smoked and heat	there is a fire	the robot senses high levels of smoked and heat
the robot concludes there is a fire	it locates the fire	the robot concludes there is a fire	it locates the fire



a dog is a gazehound	it hunts by sight		a dog is a gazehound	it hunts by sight
a hound bays	it is a scent hound	d a	hound bays	it is a scent hound
a dog is a	it does not hunt		a dog is a	it does not hunt
a dog is a foxhound	primarily by sight	<u> </u>	a dog is a foxhound	primarily by sight
a dog is a	it bays when it		a dog is a	it bays when it
a dog is a coonhound	hunts		a dog is a coonhound	hunts
a dog is a	l ".		a dog is a	1 "
greyhound	it is a gazehound	BLUE	greyĥound	it is a gazehound



Diego goes shopping	He will buy a pretzel	Diego goes shopping	He will buy a pretzel
The mall is open	Diego goes shopping  Angela goes shopping	The mall is open	Diego goes shopping  Angela goes shopping
Angela goes shopping	She will buy a pizza	Angela goes shopping	She will buy a pizza
Given The mall is on	<u>pen</u>	Given The mall is	s open
Diego goes shopping	He will buy a pretzel	Diego goes shopping	He will buy a pretzel
The mall is open	Diego goes shopping  Angela goes shopping	The mall is open	Diego goes shopping  Angela goes shopping
Angela goes shopping	She will buy a pizza	Angela goes shopping	She will buy a pizza
Given The mall is ope		Given The mall is	open
	YELLOW		