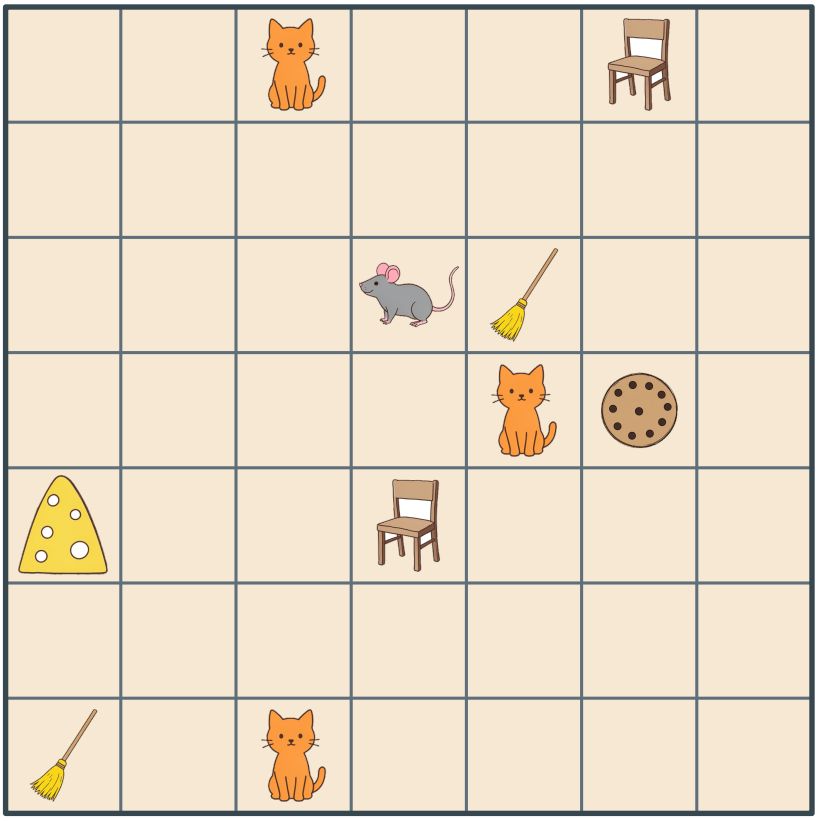
Coding with Loops Worksheet: Mouse to the Cheese

Name: _____ Date: _____

Write the shortest code with loop blocks: an arrow and how many times to repeat it (x3 = three squares the same way).

left **right** **up** **down**

Pick up the cookie, then go to the cheese.



Your code (6 blocks at most):

[ ] x [ ] [ ] x [ ]
1 2

[ ] x [ ] [ ] x [ ]
3 4

[ ] x [ ] [ ] x [ ]
5 6

Each block: draw an arrow, then write how many squares. Leave a block empty if you do not need it.

Test it: put a coin on the mouse and move it the way each block says. Did it get the cookie and reach the cheese?

yes **no**

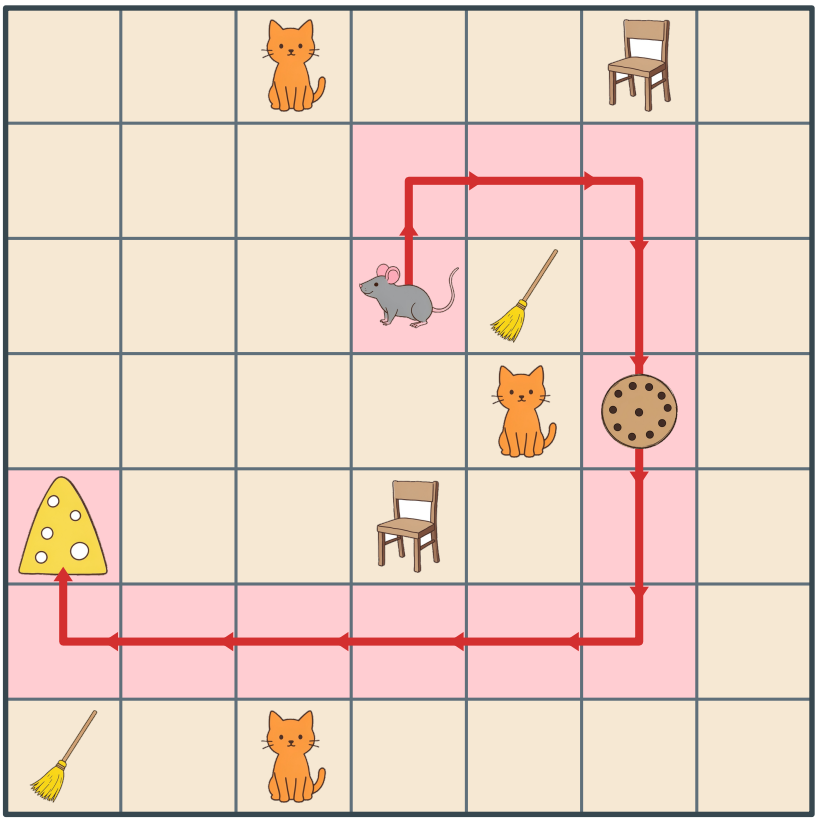
Coding with Loops Worksheet: Mouse to the Cheese

Answer Key

Write the shortest code with loop blocks: an arrow and how many times to repeat it (x3 = three squares the same way).

left **right** **up** **down**

Pick up the cookie, then go to the cheese.



Your code (6 blocks at most):

↑	x 1	→	x 2	↓	x 4
1		2		3	
←	x 5	↑	x 1		x
4		5		6	

Shortest code: 5 blocks. Other codes that work are right too.

Each block: draw an arrow, then write how many squares. Leave a block empty if you do not need it.

Test it: put a coin on the mouse and move it the way each block says. Did it get the cookie and reach the cheese?

yes **no**