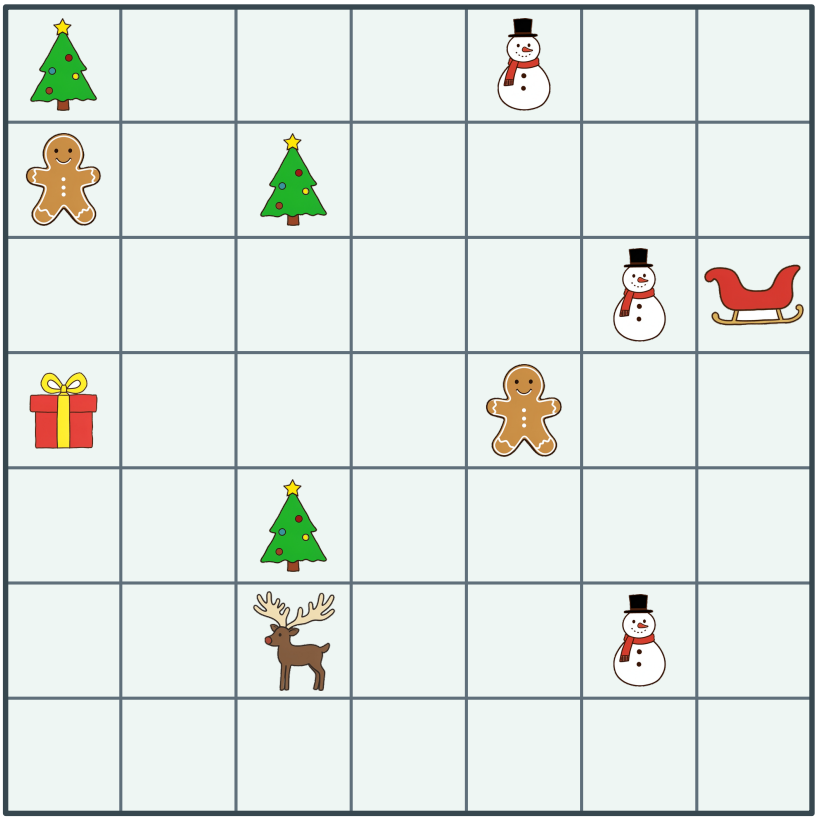
Coding with Loops Worksheet: Reindeer to the Sleigh

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 gift, then go to the sleigh.



Your code (7 blocks at most):

1 ☐ x ☐ 2 ☐ x ☐

3 ☐ x ☐ 4 ☐ x ☐

5 ☐ x ☐ 6 ☐ x ☐

7 ☐ x ☐

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 reindeer and move it the way each block says. Did it get the gift and reach the sleigh?

yes **no**

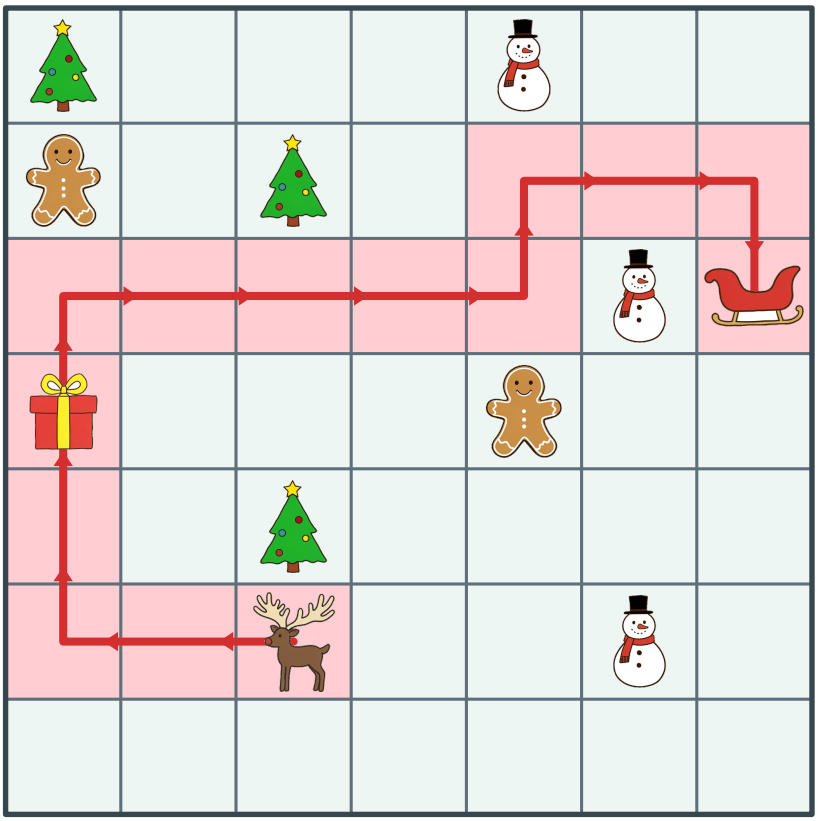
Coding with Loops Worksheet: Reindeer to the Sleigh

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 gift, then go to the sleigh.



Your code (7 blocks at most):

1: ← x 2 — 2: ↑ x 3

3: → x 4 — 4: ↑ x 1

5: → x 2 — 6: ↓ x 1

7: ☐ x ☐

Shortest code: 6 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 reindeer and move it the way each block says. Did it get the gift and reach the sleigh?

yes **no**