A. Demo Cases from CoDraw

Figure 4

Reference Images:

Modification Texts:

there is a medium cloud in the left about 1.2 inch from side and almost touching top.

Target Images:

Generated Target Images:

there is a happy girl sitting right under the cloud facing right side

is about 1 inch from bottom and hand is almost touching side.

to the right of her is a angry boy standing facing right also about 1 inch from the bottom.

Figure 5

Reference Images:

Modification Texts:

on the left 3 cm a red girl one hand waving hand over the horizon.

on the right a small blurry tree cut off at the right edge.

in front of the tree a little to the left a surprised boy hands in front of him wearing a star cape cape above horizon.

behind the boy 's hand is a yellow bee robot.

above the robot on the sky a tiny semi balloons flying small in size.
Figure 6

Reference Images:

Modification Tests: large boy left side smiling arms in front holding yellow frisbee covers both hands.

Target Images:

Generated Target Images:

Figure 7

Reference Images:

Modification Tests: left side small pine tree 3 4 above horizon left side cut off a bit.

Target Images:

Generated Target Images:
B. Demo Cases from i-CLEVR

Figure 8

Figure 9
Figure 10

Reference Images:

Modification Tests:
- add a purple cube at the center.
- add a gray cylinder in front of it on the left.
- add a green sphere in front of it on the right and in front of the purple cube on the right.
- add a gray cube behind it on the left and behind the purple cube on the right.
- add a blue cylinder in front of the green sphere on the left and in front of the gray cylinder on the right.

Target Images:

Generated Target Images:

Figure 11

Reference Images:

Modification Tests:
- add a brown cylinder at the center.
- add a gray cube behind it on the right.
- add a cyan cylinder in front of it on the left and in front of the brown cylinder on the right.
- add a blue cube behind it on the left and behind the gray cube on the left.
- add a yellow cylinder behind the cyan cylinder on the left and in front of the brown cylinder on the left.

Target Images:

Generated Target Images: