Dilations (A)

Instructions: Draw and label the dilated image for each triangle. Label the center of dilation.

1) Dilation scale = 1/4, center D(0,3)

2) Dilation scale = 2, center D(0,-1)

3) Dilation scale = 3, center D(-1,4)

4) Dilation scale = 4, center D(3,3)

5) Dilation scale = 1/2, center D(2,5)

6) Dilation scale = 1/3, center D(-4,5)
Dilations Answer (A)

Instructions: Draw and label the dilated image for each triangle. Label the center of dilation.

1) Dilation scale = 1/4, center D(0,3)

2) Dilation scale = 2, center D(0,-1)

3) Dilation scale = 3, center D(-1,4)

4) Dilation scale = 4, center D(3,3)

5) Dilation scale = 1/2, center D(2,5)

6) Dilation scale = 1/3, center D(-4,5)
Dilations (B)

Instructions: Draw and label the dilated image for each triangle.
Label the center of dilation.

1) Dilation scale = 1/4, center D(-3,1)

2) Dilation scale = 2, center D(4,2)

3) Dilation scale = 3, center D(0,3)

4) Dilation scale = 4, center D(2,-1)

5) Dilation scale = 1/2, center D(-1,3)

6) Dilation scale = 1/3, center D(4,2)
Dilations Answer (B)

Instructions: Draw and label the dilated image for each triangle. Label the center of dilation.

1) Dilation scale = 1/4, center D(−3, 1)

2) Dilation scale = 2, center D(4, 2)

3) Dilation scale = 3, center D(0, 3)

4) Dilation scale = 4, center D(2, −1)

5) Dilation scale = 1/2, center D(−1, 3)

6) Dilation scale = 1/3, center D(4, 2)
Dilations (C)

Instructions: Draw and label the dilated image for each triangle. Label the center of dilation.

1) Dilation scale = 1/2, center D(1,0)

2) Dilation scale = 1/4, center D(3,4)

3) Dilation scale = 2, center D(5,4)

4) Dilation scale = 4, center D(1,3)

5) Dilation scale = 1/2, center D(1.5)

6) Dilation scale = 1/3, center D(-1.3)
Dilations Answer (C)

Instructions: Draw and label the dilated image for each triangle. Label the center of dilation.

1) Dilation scale = 1/2, center D(1,0)

2) Dilation scale = 1/4, center D(3,4)

3) Dilation scale = 2, center D(5,4)

4) Dilation scale = 4, center D(1,3)

5) Dilation scale = 1/2, center D(1,5)

6) Dilation scale = 1/3, center D(-1,3)
Dilations (D)

Instructions: Draw and label the dilated image for each triangle. Label the center of dilation.

1) Dilation scale = 1/4, center D(-1,3)

2) Dilation scale = 2, center D(0,3)

3) Dilation scale = 4, center D(4,4)

4) Dilation scale = 1/2, center D(-6,-3)

5) Dilation scale = 1/3, center D(0,2)

6) Dilation scale = 1/4, center D(4,2)
Dilations Answer (D)

Instructions: Draw and label the dilated image for each triangle. Label the center of dilation.

1) Dilation scale = 1/4, center D(-1,3)

2) Dilation scale = 2, center D(0,3)

3) Dilation scale = 4, center D(4,4)

4) Dilation scale = 1/2, center D(-6,3)

5) Dilation scale = 1/3, center D(0,2)

6) Dilation scale = 1/4, center D(4,2)
Dilations (E)

Instructions: Draw and label the dilated image for each triangle. Label the center of dilation.

1) Dilation scale = 2, center D(4,-1)

2) Dilation scale = 3, center D(4,2)

3) Dilation scale = 4, center D(-3,-1)

4) Dilation scale = 1/2, center D(2,2)

5) Dilation scale = 1/3, center D(-4,4)

6) Dilation scale = 1/4, center D(3,1)
Dilations Answer (E)

Instructions: Draw and label the dilated image for each triangle.
Label the center of dilation.

1) Dilation scale = 2, center D(4,-1)

2) Dilation scale = 3, center D(4,2)

3) Dilation scale = 4, center D(-3,-1)

4) Dilation scale = 1/2, center D(-2,2)

5) Dilation scale = 1/3, center D(-4,4)

6) Dilation scale = 1/4, center D(3,1)
Dilations (F)

Instructions: Draw and label the dilated image for each triangle. Label the center of dilation.

1) Dilation scale = 2, center D(2,4)

2) Dilation scale = 3, center D(0,2)

3) Dilation scale = 4, center D(-1,2)

4) Dilation scale = 1/2, center D(7,2)

5) Dilation scale = 1/3, center D(0,2)

6) Dilation scale = 1/4, center D(-1,2)
Dilations Answer (F)

Instructions: Draw and label the dilated image for each triangle.
Label the center of dilation.

1) Dilation scale = 2, center D(2, 4)
2) Dilation scale = 3, center D(0, -2)
3) Dilation scale = 4, center D(-1, 2)
4) Dilation scale = 1/2, center D(-7, 2)
5) Dilation scale = 1/3, center D(0, 2)
6) Dilation scale = 1/4, center D(-1, 2)
Dilations (G)

Instructions: Draw and label the dilated image for each triangle. Label the center of dilation.

1) Dilation scale = 2, center D(2,1)

2) Dilation scale = 3, center D(5,0)

3) Dilation scale = 4, center D(-1,2)

4) Dilation scale = 1/2, center D(2,5)

5) Dilation scale = 1/3, center D(-6,2)

6) Dilation scale = 1/4, center D(2,3)
Dilations Answer (G)

Instructions: Draw and label the dilated image for each triangle. Label the center of dilation.

1) Dilation scale = 2, center D(2,1)

2) Dilation scale = 3, center D(-5,0)

3) Dilation scale = 4, center D(-1,2)

4) Dilation scale = 1/2, center D(2,5)

5) Dilation scale = 1/3, center D(-6,2)

6) Dilation scale = 1/4, center D(2,3)
Dilations (H)

Instructions: Draw and label the dilated image for each triangle. Label the center of dilation.

1) Dilation scale = 2, center D(-5,-1)

2) Dilation scale = 3, center D(1,4)

3) Dilation scale = 4, center D(2,0)

4) Dilation scale = 1/2, center D(-2.5)

5) Dilation scale = 1/3, center D(0,2)

6) Dilation scale = 1/4, center D(2.3)
**Dilations Answer (H)**

Instructions: Draw and label the dilated image for each triangle. Label the center of dilation.

1) Dilation scale = 2, center D(-5,-1)

2) Dilation scale = 3, center D(-1,4)

3) Dilation scale = 4, center D(2,0)

4) Dilation scale = 1/2, center D(-2,5)

5) Dilation scale = 1/3, center D(0,2)

6) Dilation scale = 1/4, center D(2,3)
Dilations (I)

Instructions: Draw and label the dilated image for each triangle.
Label the center of dilation.

1) Dilation scale = 2, center D(-6,2)

2) Dilation scale = 3, center D(4,1)

3) Dilation scale = 4, center D(-1,1)

4) Dilation scale = 1/2, center D(2,1)

5) Dilation scale = 1/3, center D(2,5)

6) Dilation scale = 1/4, center D(-2,2)
Dilations Answer (I)

Instructions: Draw and label the dilated image for each triangle. Label the center of dilation.

1) Dilation scale = 2, center D(-6,2)

2) Dilation scale = 3, center D(4,1)

3) Dilation scale = 4, center D(-1,1)

4) Dilation scale = 1/2, center D(-2,1)

5) Dilation scale = 1/3, center D(2,5)

6) Dilation scale = 1/4, center D(-2,2)
Dilations (J)

Instructions: Draw and label the dilated image for each triangle.
Label the center of dilation.

1) Dilation scale = 2, center D(6,1)

2) Dilation scale = 3, center D(2,1)

3) Dilation scale = 4, center D(-2,2)

4) Dilation scale = 1/2, center D(4,0)

5) Dilation scale = 1/3, center D(-1,3)

6) Dilation scale = 1/4, center D(2,2)
Dilations Answer (J)

Instructions: Draw and label the dilated image for each triangle. Label the center of dilation.

1) Dilation scale = 2, center D(6,1)

2) Dilation scale = 3, center D(2,1)

3) Dilation scale = 4, center D(-2,2)

4) Dilation scale = 1/2, center D(4,0)

5) Dilation scale = 1/3, center D(-1,3)

6) Dilation scale = 1/4, center D(2,2)