```
1) A. Translasi (-9,2)
  · Titik A (3,1)
                                     · THIK ( (7,4)
    1'(x,y) = 4+Tr
                                      c'(xy) = C+FF
                                             . (7,97+ (-9,2)
            = (3,1) + (-4,2)
                                             = (3,6)
      · THIX B (6,2)
                                      · Tithk 0 (2,5)
      B' (x,y) = B + Tr
                                       D'(xy) : D + Tr
              = (6,2) + (-9,2)
                                       - (2,5) + (-9,2)
             = (2,4)
                                              = (-4,7)
3 Rotasi 65°
   - Tithk 4 (3.1)
    A' = (3. cos 65 - 1. Sin 65, 1 cos 65 + 3. Sin 65)
       . (3, 0, 42) - 1.0,966, 1.0,423 + 3.0,966)
         (1,269-0,906, 0,423 + 2,718)
       = (0,363 , 3,141)
  · Titik B (6,2)
  B'= (6. cos65 - 2. sin65, 2 cos 65 + 6. sin 68)
       = (2,538 - 1,812, 0,846 + 5,436)
    = (0,726,6,282)
   · THIK ( (7,4)
   C' = (7. 6565 - 4.5065, 4. 60565 + 7.51965)
        = (2,961 - 3,624, 1,692 + 6,342)
       = (-0,663, 8,034)
   . THK D (25)
     D': (2- cos 65 - 5.5mbs, 5. cos 65 + 2.5mbs)
        = (0,846 - 4,53 2,115 + 1,812)
: (-3,684 , 3,927)
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C. Skala (2,3) parla filik pusat (6,2)

Pergeseran sebesar (-6,-2)

-A' = (3-6, 1-2) : (-3,-1)

-B' : (6-6, 2-2) : (0,0)

-(':(7-6, 4-2) : (1,2)

-D' : (2-6, 5-2) : (-4,3)
```

• Penskalean

$$A'' = (-3, 2, -1.3) = (-6, -3)$$
 $B'' : (0.2, 0.3) = (0.0)$
 $C'' : (1.2, 2.3) = (2.6)$
 $O'' : (-9.2, 3.3) : (-8.9)$

• Pergereran sebeser (6.2)

$$A''' = (-6+6, -3+2) \cdot (0.-1)$$
 $B''' : (0+6, 0+2) = (6.2)$
 $C''' : (2+6, 6+2) : (8,8)$
 $D''' : (-8+6, 5+2) : (-2,11)$