



Kod lakaran (elips pada bahagian dalam anak bulan):

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\starttext
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\startMPcode
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picture LakaranE; LakaranE := image (
  picture Jalur; Jalur := image (
    draw fullsquare xysized (14,1) shifted (14,-0);
    picture cp; cp := currentpicture;
    def copy = addto currentpicture also cp enddef;
    copy yscaled 8 shifted (-14,-3.5); copy shifted (0,-1);
    copy shifted (0,-2); copy shifted (0,-3); copy shifted (0,-4);
    copy shifted (0,-5); copy shifted (0,-6); copy shifted (0,-7);
    copy xscaled 2 shifted (-21,- 8); copy xscaled 2 shifted (-21,- 9);
    copy xscaled 2 shifted (-21,-10); copy xscaled 2 shifted (-21,-11);
    copy xscaled 2 shifted (-21,-12); copy xscaled 2 shifted (-21,-13);
  ) yscaled 1cm; draw Jalur withpen pencircle scaled .25pt;

  path Bulan; Bulan := fullcircle scaled 2;
  draw Bulan xyscaled 3.0cm shifted (-1.25cm,-3.5cm);
  draw Bulan xyscaled (2.8cm,2.6cm) shifted (-.45cm,-3.5cm); % r(semimajor,semiminor)
  fill Bulan xyscaled 2.7cm shifted ( 1.58cm,-3.5cm) withcolor white;

  picture Bintang; Bintang := image (
    a = 1.00cm; b = 2.50cm; z01 = -z15 = (a, 0); -z08 = z22 = (0, -b);
    c = 2.44cm; d = .56cm; z02 = -z16 = (c, d); -z14 = z28 = (c, -d);
    e = .90cm; f = .43cm; z03 = -z17 = (e, f); -z13 = z27 = (e, -f);
    g = 1.96cm; h = 1.56cm; z04 = -z18 = (g, h); -z12 = z26 = (g, -h);
    i = .62cm; j = .78cm; z05 = -z19 = (i, j); -z11 = z25 = (i, -j);
    k = 1.09cm; l = 2.25cm; z06 = -z20 = (k, l); -z10 = z24 = (k, -l);
    m = .22cm; n = .98cm; z07 = -z21 = (m, n); -z09 = z23 = (m, -n);

    draw z01--z02--z03--z04--z05--z06--z07--z08--z09--z10--z11--z12--z13
      --z14--z15--z16--z17--z18--z19--z20--z21--z22--z23--z24--z25--z26
      --z27--z28--cycle withpen pencircle scaled .5pt;
  ) shifted (1.75cm,-3.5cm); draw Bintang;
) scaled .75; draw LakaranE;
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\stopMPcode
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\stoptext
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