```
1) (a^2 + 3x)^2 = a^4 + 6a^2x + 9x^2 \sqrt{2}

2) (b^2 - 5y) = b^4 - 10b^2y + 25y^2 \sqrt{2}

3) (r^2 + 4y)^2 = r^2 + 8r^2y + 16s^2 \sqrt{2}
    4) (m^2 - 6n)^2 = m^4 + 12m^2n + 36n^2
\frac{1}{2}(c^{2}+d^{2})^{2} = c^{4}+2c^{2}d^{2}+d^{4}
\frac{1}{3}(z^{2}+t^{3})^{2} = z^{4}+t^{6}+2z^{2}t^{3}
\frac{1}{2}(m^{2}-n^{3})^{2} = m^{4}+n^{6}-2m^{2}n^{3}
\frac{1}{4}(p^{2}-q^{2})^{2} = p^{4}+q^{4}-2p^{2}q^{2}
\frac{1}{4}(n^{3}+3b)^{2} = a^{6}+9b^{2}+6a^{3}b

                                                                                            X 28,13
   \left(2\frac{1}{3}a - 1\frac{1}{14}b\right)^{2} = \left(\frac{7}{3}a - \frac{15}{14}b\right)^{2} = \frac{49}{9}a^{2} + \frac{225}{196}b^{2} - 5ab
  2) (0.9 \times + 1.27 y)^{2} = (9 + 40)^{2} + 81 \times + 1600 y + 8 \times y

3) (-1.2 \times - 4.6 y)^{2} = (10 \times - 25 y)^{2} - 144 \times - 625 y - 10 \times y
    4(-23a+\frac{2}{13}b)^{2}=(-\frac{23}{10}a+\frac{25}{23}b)^{\frac{2}{5}}\frac{5129}{100}a+\frac{525}{529}b-5ab
                                                                                            Ex 28.14
     )(80-1)^{2}=6400+1-160=6241=79^{2}
     2(40-1)^{2}=1600+1-80=1521=39^{2}
    3)(60-1)=3600+1-120=3481=59^{2}
     4) (70-1)=4900+1-140=4761=692
                                                                                                   X 28.15
     1) 20+1)2 = 400+1+40=441=21
    2) (30+1)=900+1+60=961=312
    3)(60+1)^{2}=3600+1+120=3721=61^{2}
    4) (90+1)2=8100+1+180=8281=81
```

