

01 이등변삼각형

- 0001 60° 0002 30° 0003 30° 0004 130°
 0005 $x=10, y=90$ 0006 $x=35, y=4$ 0007 12
 0008 6 0009 4 0010 4
 0011 $\triangle ABC \equiv \triangle FED$ (RHA 합동) 0012 4 cm
 0013 $\triangle ABC \equiv \triangle EDF$ (RHS 합동) 0014 4 cm
 0015 \neg , RHA 합동, \sphericalangle , RHS 합동 0016 4
 0017 8 0018 35 0019 10
 0020 (가) \overline{AC} (나) \overline{AD} (다) $\sphericalangle CAD$ (라) SAS
 0021 (가) \overline{AD} (나) $\sphericalangle CAD$ (다) $\triangle ABD$ (라) SAS (마) $\sphericalangle ADC$
 0022 ④ 0023 ③, ④ 0024 ③ 0025 56°
 0026 ④ 0027 36° 0028 67° 0029 42° 0030 60°
 0031 43° 0032 59 0033 ② 0034 15° 0035 8 cm
 0036 120° 0037 56° 0038 108° 0039 20°
 0040 (1) 55° (2) 27.5° 0041 ③ 0042 40°
 0043 (가) \overline{AD} (나) $\sphericalangle CAD$ (다) $\sphericalangle C$ (라) $\sphericalangle ADC$ (마) ASA
 0044 (가) $\sphericalangle ACB$ (나) $\sphericalangle ABC$ (다) $\sphericalangle DCB$ 0045 6 cm
 0046 ③ 0047 20 cm 0048 9 cm 0049 ④
 0050 \neg 과 \square , \sphericalangle 과 \sphericalangle 0051 ③ 0052 ⑤ 0053 ②
 0054 30 0055 ② 0056 ④ 0057 37 cm^2
 0058 7 cm 0059 ④ 0060 22 0061 28° 0062 12 cm
 0063 (가) $\sphericalangle PAO$ (나) \overline{OP} (다) $\sphericalangle BOP$ (라) RHA (마) \overline{PB}
 0064 ⑤ 0065 15 cm^2 0066 4 cm 0067 70°
 0068 8 cm^2 0069 63° 0070 7 cm 0071 ④
 0072 27 cm^2 0073 64° 0074 ③ 0075 ②
 0076 ⑤ 0077 ③ 0078 70° 0079 42°
 0080 ①, ③ 0081 ② 0082 116° 0083 24°
 0084 16 cm 0085 ②, ⑤ 0086 \sphericalangle , \sphericalangle , \square
 0087 124° 0088 30° 0089 ⑤ 0090 104 cm^2
 0091 22 cm 0092 80° 0093 16 cm 0094 80°
 0095 (1) 6 cm (2) 98 cm^2 0096 $\frac{12}{5} \text{ cm}$
 0097 15 cm 0098 6 cm^2 0099 12°

02 삼각형의 외심과 내심

- 0100 (가) \overline{OB} , (나) \overline{OC} (다) \overline{OC} (라) \overline{OD} (마) RHS (바) \overline{CD}
 0101 4 0102 30 0103 \circ 0104 \times 0105 \circ
 0106 35° 0107 140° 0108 $\sphericalangle x=24^\circ, \sphericalangle y=124^\circ$
 0109 $\sphericalangle x=65^\circ, \sphericalangle y=130^\circ$ 0110 $\sphericalangle x=100^\circ, \sphericalangle y=50^\circ$

- 0111 $\sphericalangle x=108^\circ, \sphericalangle y=36^\circ$
 0112 (가) \overline{IE} (나) \overline{IC} (다) \overline{IF} (라) RHS (마) $\sphericalangle ICF$
 0113 36° 0114 30° 0115 \circ 0116 \times 0117 \circ
 0118 \times 0119 20° 0120 55° 0121 126° 0122 122°
 0123 4 0124 7 0125 $\neg, \sphericalangle, \square$ 0126 42 cm
 0127 8 cm 0128 $10\pi \text{ cm}$ 0129 112°
 0130 15 cm^2 0131 10 cm 0132 20° 0133 9°
 0134 23° 0135 72° 0136 ③ 0137 32° 0138 60°
 0139 42° 0140 ②, ④ 0141 45° 0142 62°
 0143 ② 0144 58° 0145 23° 0146 195° 0147 18°
 0148 189° 0149 100° 0150 47° 0151 14 cm
 0152 (1) 9 (2) 5 0153 15 cm 0154 35 cm
 0155 $\frac{4}{3} \text{ cm}$ 0156 38 cm 0157 2 cm 0158 18 cm^2
 0159 7 cm 0160 22 cm 0161 12 cm 0162 24 cm 0163 27°
 0164 32° 0165 21° 0166 $23\pi \text{ cm}$
 0167 24 cm^2 0168 $84\pi \text{ cm}^2$ 0169 24°
 0170 ⑤ 0171 6° 0172 107° 0173 38° 0174 55°
 0175 외심 - \sphericalangle , 내심 - \sphericalangle 0176 ①, ④
 0177 110° 0178 70° 0179 ⑤ 0180 126 cm^2
 0181 10 cm^2 0182 ④ 0183 24° 0184 15 cm
 0185 $(72-16\pi) \text{ cm}^2$ 0186 8° 0187 189π 0188 115°
 0189 11 cm 0190 20 cm 0191 129°

03 평행사변형

- 0192 $\sphericalangle x=70^\circ, \sphericalangle y=25^\circ$ 0193 $\sphericalangle x=65^\circ, \sphericalangle y=60^\circ$
 0194 $x=12, y=7$ 0195 $x=4, y=5$
 0196 $\sphericalangle x=115^\circ, \sphericalangle y=65^\circ$ 0197 $\sphericalangle x=32^\circ, \sphericalangle y=38^\circ$
 0198 \sphericalangle , \sphericalangle , \sphericalangle , \square 0199 $\overline{DC}, \overline{BC}$
 0200 $\overline{DC}, \overline{BC}$ 0201 $\sphericalangle BCD, \sphericalangle ADC$
 0202 $\overline{CO}, \overline{DO}$ 0203 $\overline{BC}, \overline{BC}$
 0204 7 cm^2 0205 14 cm^2 0206 28 cm^2 0207 40 cm^2
 0208 ④ 0209 ④ 0210 (1) 98° (2) 80°
 0211 (가) \overline{AC} (나) $\sphericalangle DCA$ (다) $\sphericalangle BCA = \sphericalangle DAC$ (라) ASA
 0212 (가) \overline{CD} (나) $\sphericalangle DCO$ (다) $\sphericalangle ABO$ (라) ASA (마) \overline{CO} (바) \overline{DO}
 0213 ⑤ 0214 8 0215 73° 0216 $\neg, \sphericalangle, \square$
 0217 ③ 0218 8 cm 0219 ⑤ 0220 ④ 0221 12 cm
 0222 3 cm 0223 18 cm 0224 55° 0225 70° 0226 105°
 0227 130° 0228 48° 0229 72° 0230 38° 0231 130°
 0232 42 cm 0233 23 cm 0234 ③