

Constructing Triangles - Cards

Card 1

Triangle ABC

$$\angle A = 30^\circ$$

$$\overline{AB} = 3 \text{ cm}$$

$$\overline{AC} = 4 \text{ cm}$$

Card 2

Triangle DEF

$$\angle D = 30^\circ$$

$$\overline{EF} = 3 \text{ cm}$$

$$\overline{DF} = 4 \text{ cm}$$

Card 3

Triangle GHI

$$\angle G = 25^\circ$$

$$\overline{GH} = 3 \text{ cm}$$

$$\overline{GI} = 4 \text{ cm}$$

Card 4

Triangle JKL

$$\angle L = 20^\circ$$

$$\overline{JK} = 4 \text{ cm}$$

$$\overline{JL} = 5 \text{ cm}$$

Card 5

Triangle MNO

$$\angle M = 30^\circ$$

$$\angle N = 90^\circ$$

$$\overline{MN} = 6 \text{ cm}$$

Card 6

Triangle PQR

$$\angle P = 30^\circ$$

$$\angle R = 90^\circ$$

$$\overline{PQ} = 6 \text{ cm}$$

Card 7

Triangle STU

$$\angle S = 50^\circ$$

$$\angle T = 50^\circ$$

$$\overline{ST} = 3 \text{ cm}$$

Card 8

Triangle XYZ

$$\angle Y = 20^\circ$$

$$\angle Z = 110^\circ$$

$$\overline{XZ} = 5 \text{ cm}$$