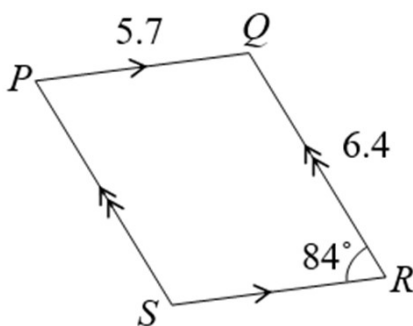
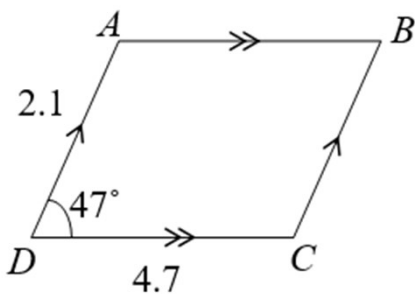
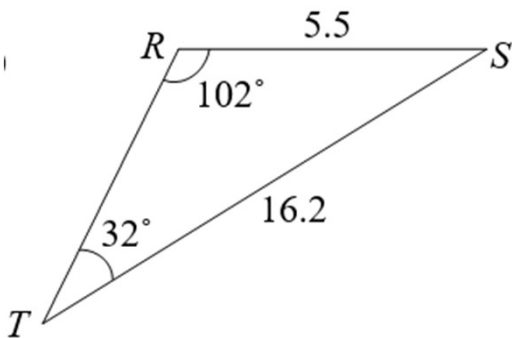
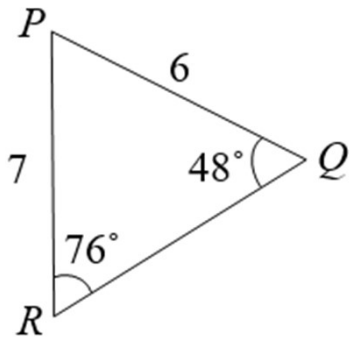


Area of Triangle (using Sine) Worksheets

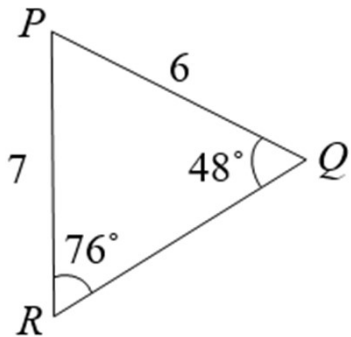
Find the area of the following figures. Give your answer correct to two decimal places.
(All lengths are in cm):



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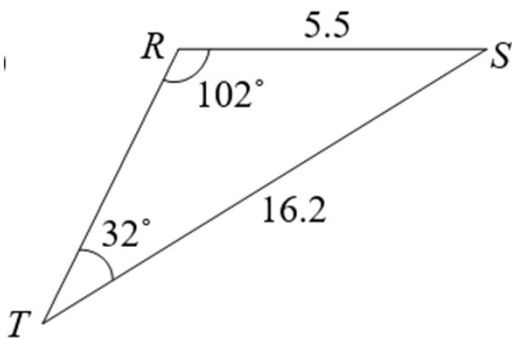
Area of Triangle (using Sine) Worksheets

Find the area of the following figures. Give your answer correct to two decimal places. (All lengths are in cm):



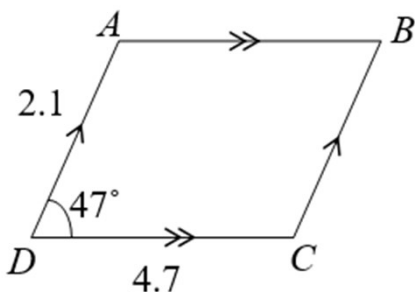
$$\widehat{RPQ} = 180 - 76 - 48 = 56^\circ$$

$$\text{Area} = \frac{1}{2} \times 7 \times 6 \sin 56^\circ = 17.41 \text{ cm}^2$$

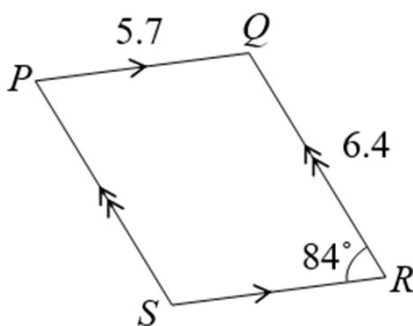


$$\widehat{RST} = 180 - 102 - 32 = 46^\circ$$

$$\text{Area} = \frac{1}{2} \times 16.2 \times 5.5 \sin 46^\circ = 32.05 \text{ cm}^2$$



$$\text{Area} = 2 \times \frac{1}{2} \times 4.7 \times 2.1 \sin 47^\circ = 7.22 \text{ cm}^2$$



$$\text{Area} = 2 \times \frac{1}{2} \times 5.7 \times 6.4 \sin 96^\circ = 36.28 \text{ cm}^2$$

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