Name _____ Date _____

Area and Perimeter of Triangles, Parallelograms and Trapezoids - Guided Lesson Explanation

Explanation#1

Perimeter = PQ + QR + RS + SP

P= 6cm + 7cm + 6cm + 7cm

P= 26cm

Area = Base × height

A = 6×5

A = 30 cm

So, the answer is 30 cm.

Explanation#2

Perimeter = AB+BC+CD+DA

P= 9cm+7cm+3cm+7cm

P= 26 cm

Area of a trapezoid = $\frac{a+b}{2}$ × height

A= $\frac{3+9}{2}$ × 4

A=24 cm

So, the answer is 24 cm.

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Explanation # 3

Perimeter = DE + EF + FD

P= 8cm + 7cm + 7cm

P= 22 cm

Area = $\frac{1}{2}$ × base × height

A= $\frac{1}{2}$ × 8 ×5

A= 20 cm

So, the answer is 20 cm.