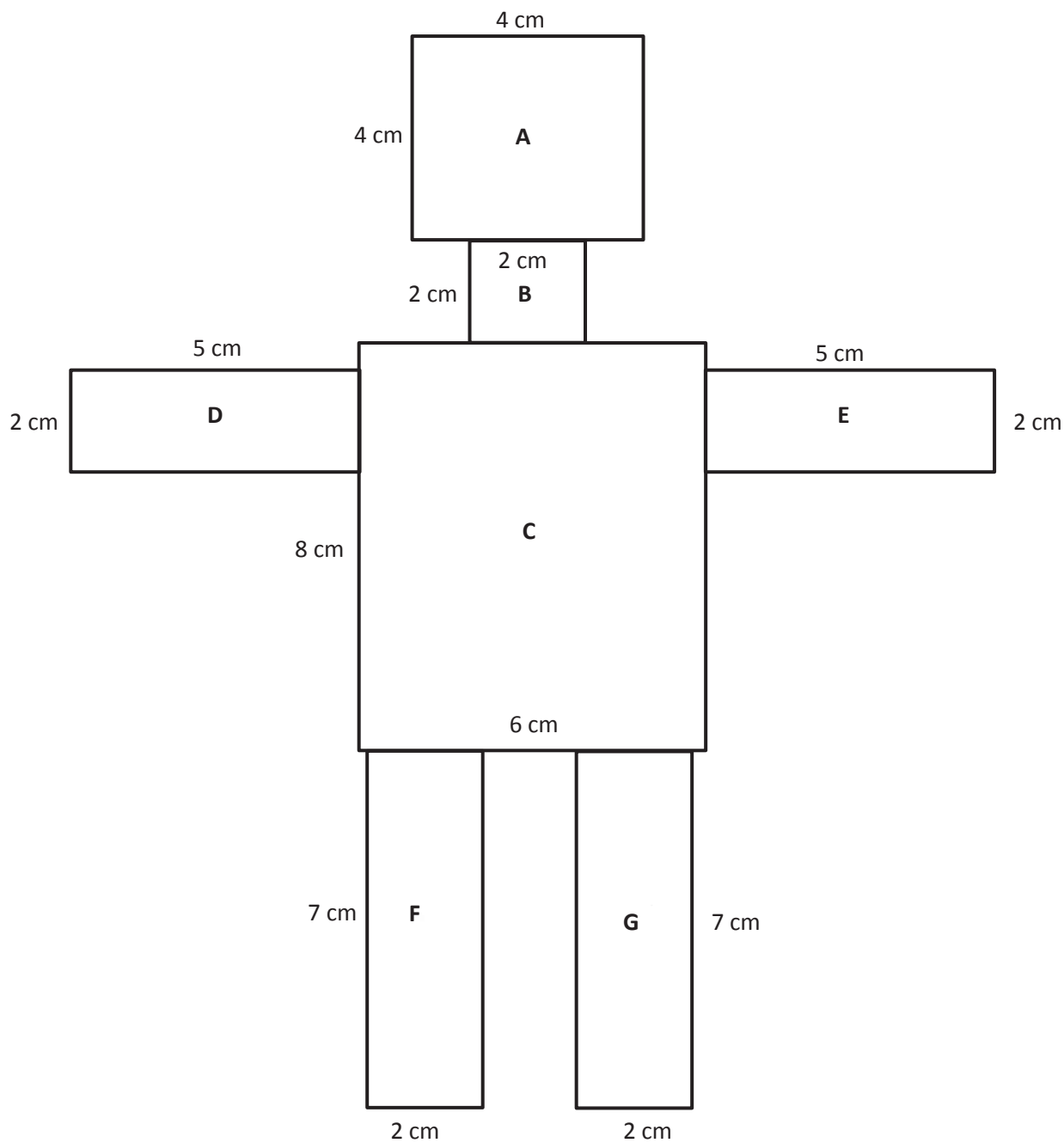Name _____   Date _____

The robot below is made of rectangles. The side lengths of each rectangle are labeled. Find the perimeter of each rectangle, and record it in the table on the next page.

Lesson 25:   Use rectangles to draw a robot with specified perimeter measurements, and reason about the different areas that may be produced.

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Rectangle	Perimeter
A	P = 4 × 4 cm P = 16 cm
B	P = 4 × 2 cm P = 8 cm
C	P = 2 × 8cm + 2 × 6cm P = 16cm + 12cm P = 28 cm
D	P = 2cm + 5cm + 2cm + 5cm P = 14 cm
E	P = 2cm + 5cm + 2cm + 5cm P = 14 cm
F	P = 2cm + 7cm + 2cm + 7cm P = 18cm
G	P = 2cm + 7cm + 2cm + 7cm P = 18cm

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Lesson 25: Use rectangles to draw a robot with specified perimeter measurements, and reason about the different areas that may be produced.