

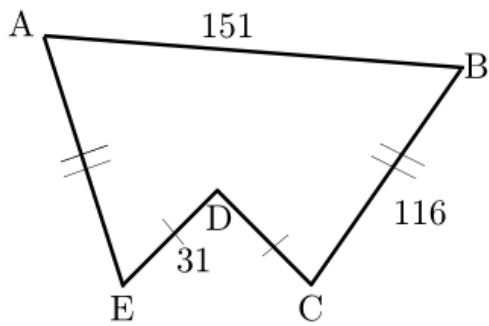


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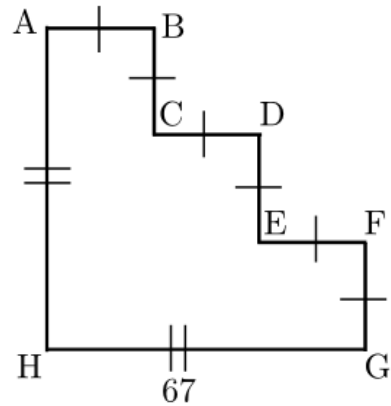
Area and Perimeter

1. Calculate the perimeter of the given figure.

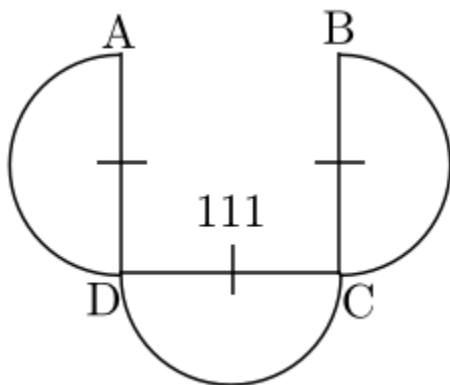
1.1



1.2



1.3

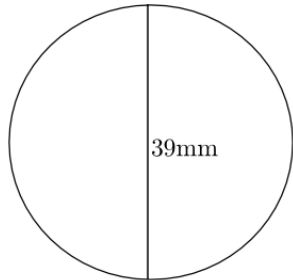




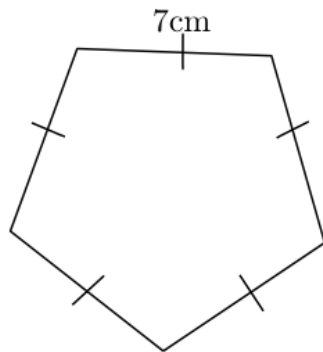
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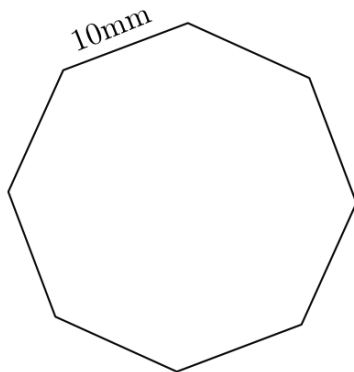
1.4 Calculate the circumference of the circle.



1.5 Calculate the perimeter of the pentagon.



1.6 Calculate the perimeter of the equilateral octagon in m.

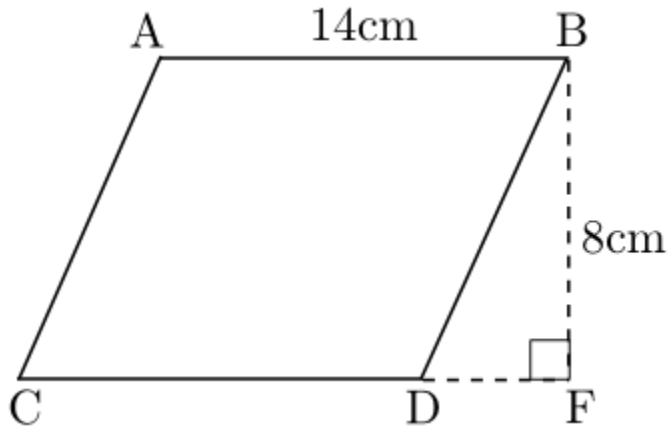




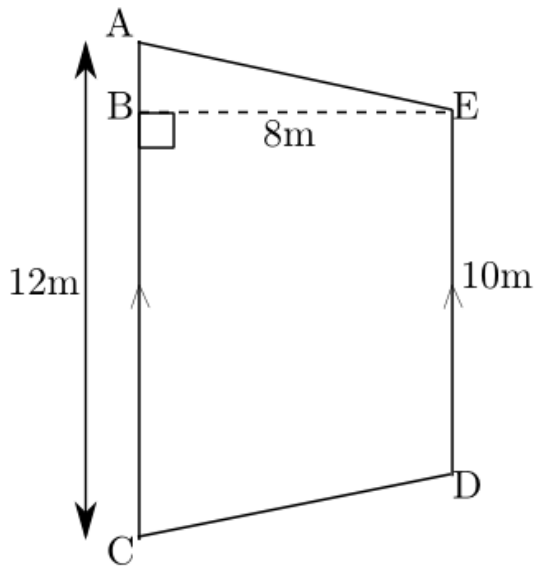
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2.1 Calculate the area of the parallelogram.



2.2 Calculate the area of the trapezium.





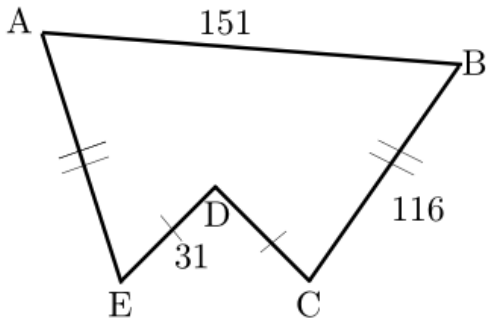
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MEMO

1. Calculate the perimeter of the given figure.

[6.3.3.5; 9.3.3.6]

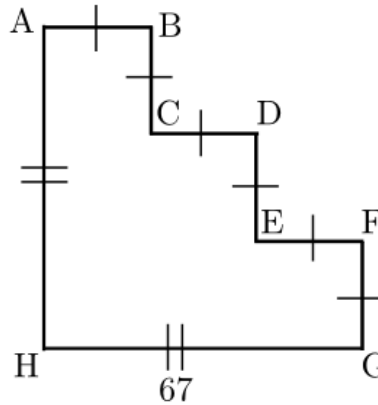
1.1



$$\text{Perimeter} = 151 + 2(116) + 2(31)$$

$$\text{Perimeter} = 445$$

1.2



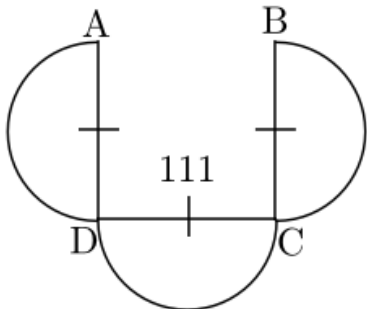
$$AB = \frac{67}{3} = 22.\frac{1}{3}$$

$$\text{Perimeter} = 6(AB) + 2AH$$

$$\text{Perimeter} = 134 + 134$$

$$\text{Perimeter} = 268$$

1.3



$$\text{Perimeter} = \frac{1}{2} \text{circle} = \frac{1}{2} (2\pi \cdot \frac{111}{2}) = 174.36$$

$$\text{Perimeter} = 3(111) + 3(174.36)$$

$$\text{Perimeter} = 856.08$$



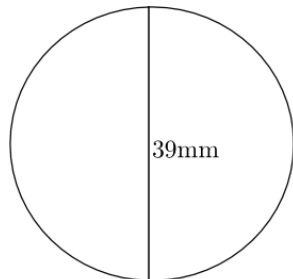


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1.4 Calculate the circumference of the circle.

[9.3.4.1 to 9.3.4.6]



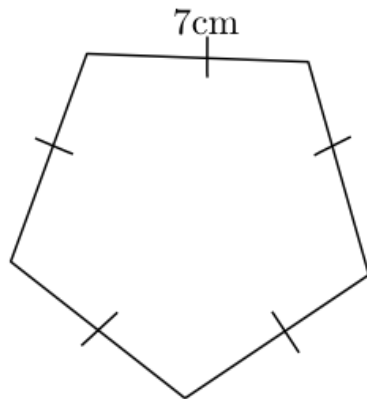
$$\text{Perimeter} = 2\pi r$$

$$\text{Perimeter} = 2 \times \pi \times \frac{39}{2}$$

$$\text{Perimeter} = 122.52\text{mm}$$

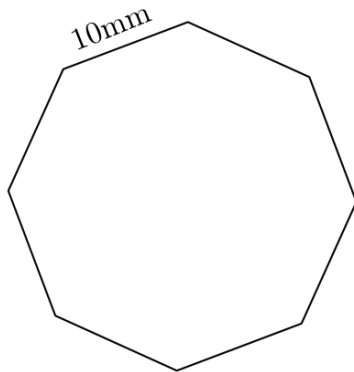
1.5 Calculate the perimeter of the pentagon.

[6.3.6.1; 9.3.6.2; 9.3.6.3]



$$\text{Perimeter} = 5 \times 7\text{cm} = 35\text{cm}$$

1.6 Calculate the perimeter of the equilateral octagon in m.



$$\text{Perimeter} = 8 \times 10\text{mm}$$

$$\text{Perimeter} = 8 \times 0.01\text{m}$$

$$\text{Perimeter} = 0.08\text{m}$$

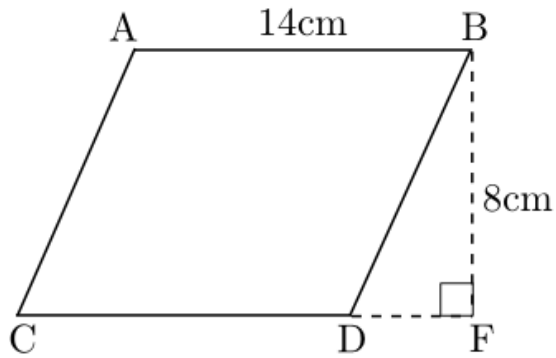


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2.1 Calculate the area of the parallelogram.

[9.3.6.4; 9.3.6.5]

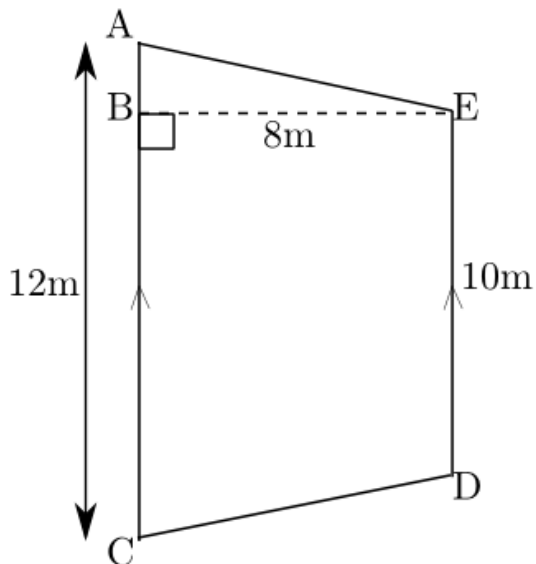


$$\text{Area} = \text{base} \times \text{height}$$

$$\text{Area} = 14 \times 8$$

$$\text{Area} = 112\text{cm}^2$$

2.2 Calculate the area of the trapezium.



$$\text{Area} = \frac{1}{2}(12 \times 10) \times 8$$

$$\text{Area} = 88\text{m}^2$$