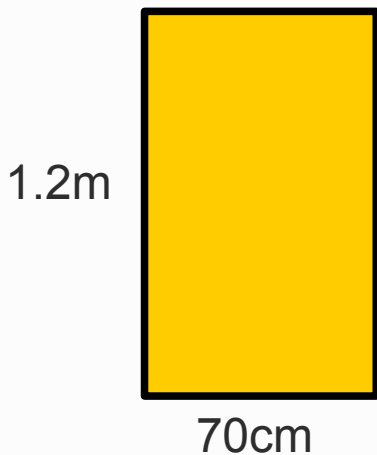


Shape

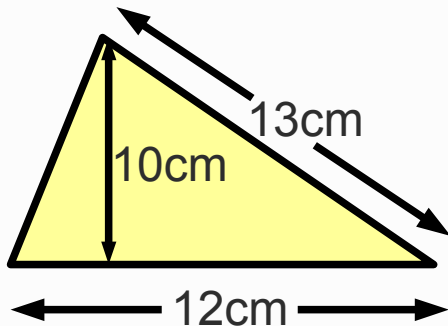
Which calculations give the area of this rectangle?



- A) 1.2×70
- B) 1.2×0.7
- C) $1.2 \times 2 + 70 \times 2$
- D) 120×70

Shape

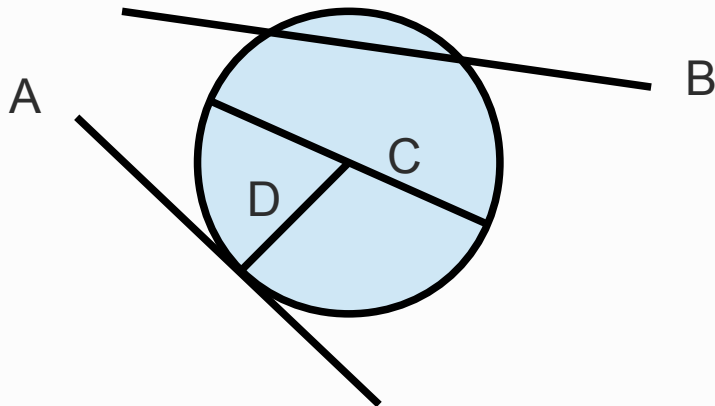
Which of the calculations below will give you the area of the triangle?



- A) $12 \times 10 \div 2$
- B) $10 \times 13 \div 2$
- C) $(10 + 13) \div 2$
- D) $\frac{12 \times 10}{2}$

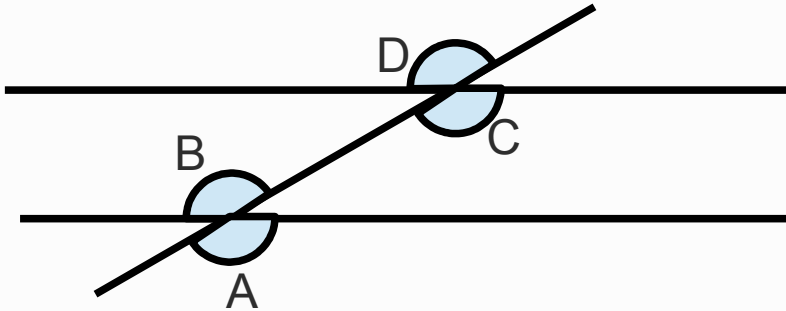
Shape

Which line in the diagram is called a chord?



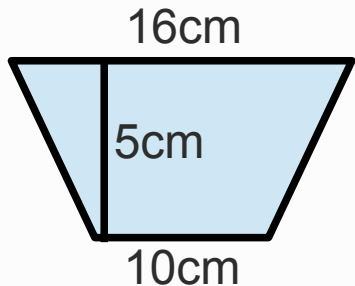
Shape

Look at the diagram below with angles marked A, B, C, D. Which angle is corresponding to A?



Shape

Which of the calculations will give the correct area of this shape?

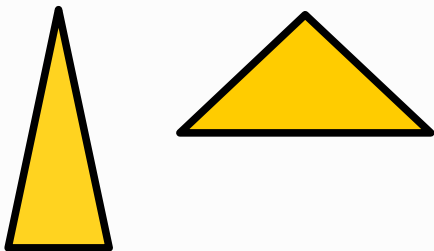


- A) $0.5 \times 16 + 10 \times 5$
- B) $(16 + 10) \div 2 \times 5$
- C) $0.5 \times (16 + 10) \times 5$
- D) $(16 + 10) \div (2 \times 5)$

Shape

Algernon has drawn an isosceles triangle. One angle is 40° . What possible values could the other two angles take?

- A) $40^\circ, 100^\circ$
- B) $80^\circ, 80^\circ$
- C) $70^\circ, 70^\circ$
- D) $90^\circ, 50^\circ$



Shape

Which of the following is the correct formula for the circumference of a circle?

A) $\pi \times R$

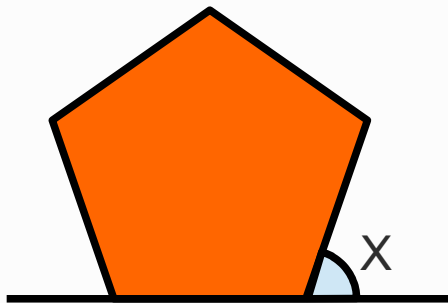
B) $\pi \times D^2$

C) $\pi \times D$

D) $\pi \times R^2$

Shape

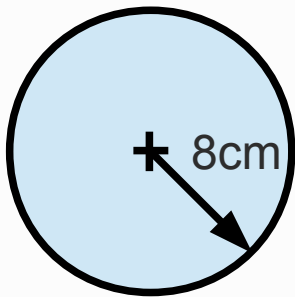
Can you work out the size of angle X?
The pentagon is a regular pentagon.



- A) 72°
- B) 108°
- C) 80°
- D) Not enough information

Shape

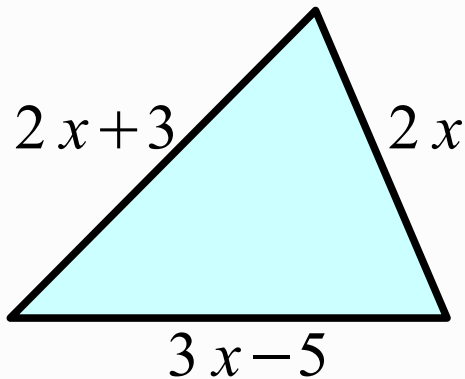
Which of the calculations will give you the area of the circle below of radius 8cm?



- A) $3.142 \times 8 \times 2$
- B) $3.142 \times 8 \times 8$
- C) 3.142×16
- D) 3.142×8^2

Shape

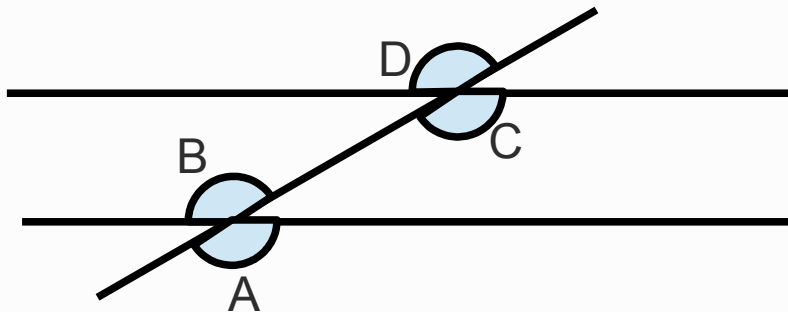
The perimeter of this triangle is 47cm. Work out the value of X.



- A) 7cm
- B) 15cm
- C) 10cm
- D) 6.5 cm

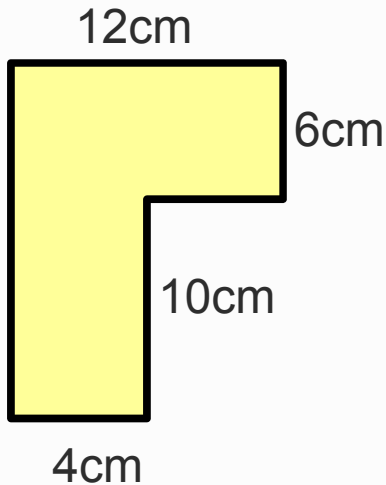
Shape

Look at the diagram below with angles marked A, B, C, D. Which angle is alternate to B?



Shape

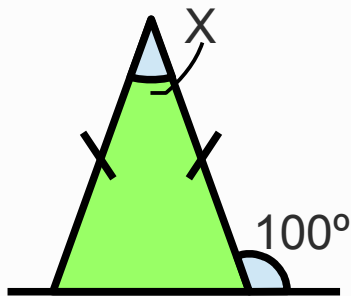
Calculate the perimeter of this shape



- A) 32cm
- B) 48cm
- C) 56cm
- D) 112cm

Shape

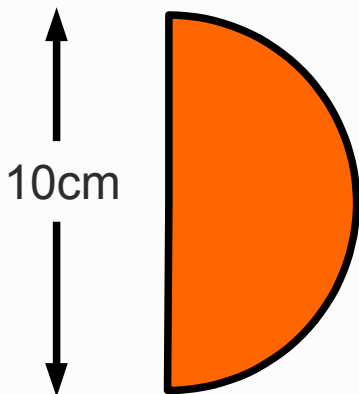
What is the value of the angle marked X in the diagram below?



- A) 30°
- B) Can't say
- C) 80°
- D) 40°

Shape

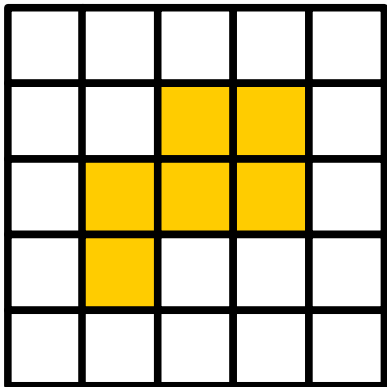
Which calculations give the correct perimeter of this shape?



- A) $3.142 \times 10 \div 2$
- B) $3.142 \times 10 + 10$
- C) $3.142 \times 5 + 10$
- D) $3.142 \times 10 \div 2 + 10$

Shape

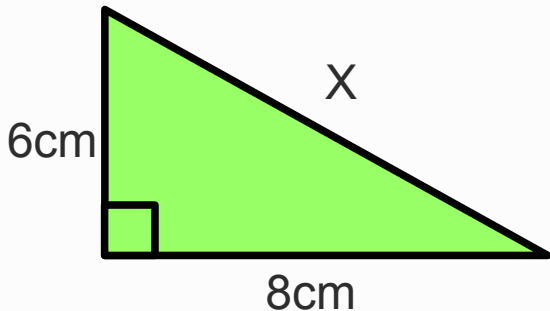
What is the perimeter and the area of the shaded shape?



- A) $P=12$ cm, $A = 5\text{cm}^2$
- B) $P=10\text{cm}$, $A = 6\text{cm}^2$
- C) $P=12\text{cm}$, $A=6\text{cm}$
- D) $P=12\text{cm}$, $A=6\text{cm}^2$

Shape

Which calculation will give the length of side X of the triangle?



A) $\sqrt{8^2 - 6^2}$

B) $8^2 + 6^2$

C) $\sqrt{8^2 + 6^2}$

D) $\sqrt{8 - 6}$