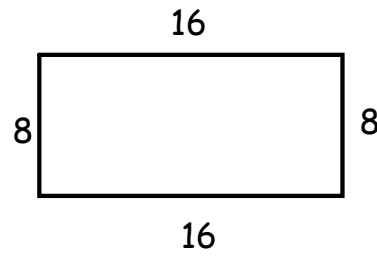


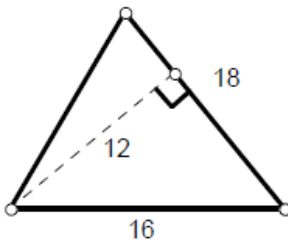
1. The width of a rectangular poster is 16 in. Its length is twice its width. Find its perimeter. _____ in.

work



Answer: 48

2. Find the area of the triangle.



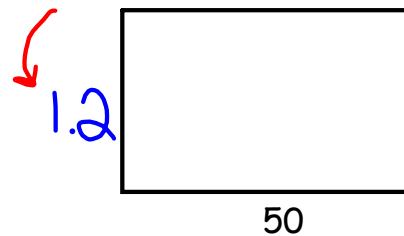
work

$$\frac{16 \times 12}{2} = 120$$

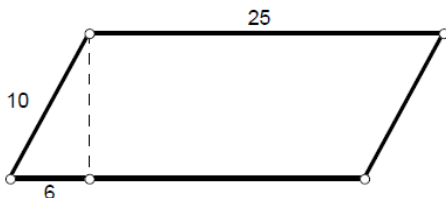
3. A rectangle having an area of 60 square meters has a length of 50 meters. Find the rectangle's width.

work $50 \times ? = 60$

$$50 \times 1.2 = 60$$



4. Find the area of the parallelogram.



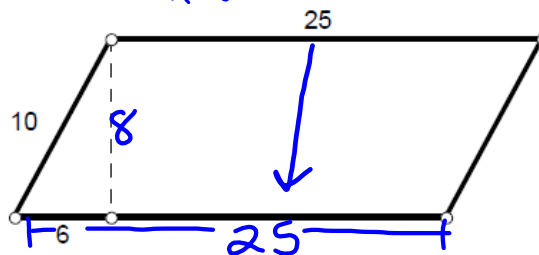
work

$$6^2 + x^2 = 10^2$$

$$36 + x^2 = 100$$

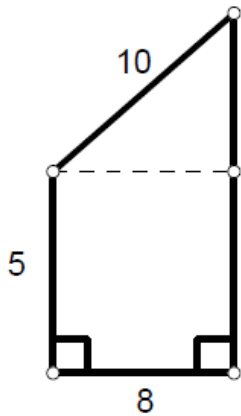
$$x^2 = 64$$

$$x = 8$$

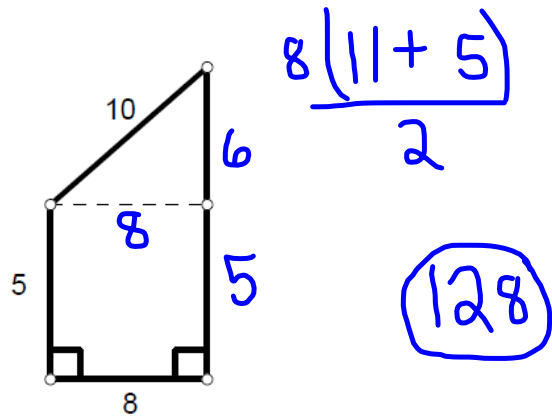


$$31 \times 8 = 248$$

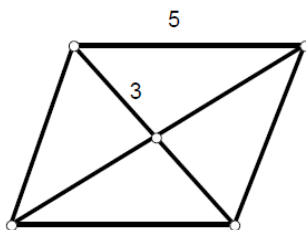
5. Find the area of the trapezoid.



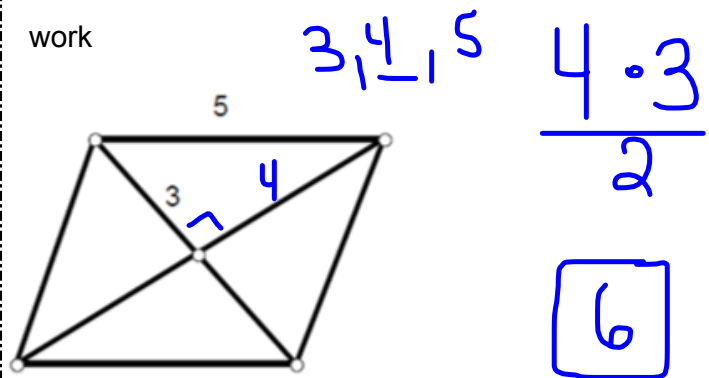
work



6. Find the area of the rhombus.



work



7. The area of the trapezoid is 180 square meters. Find the length of the missing base.



work

$$\frac{9(x+24)}{2} = 180$$

$$9(x+24) = 360$$

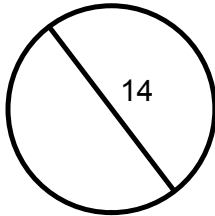
$$9x + 216 = 360$$

$$9x = 144$$

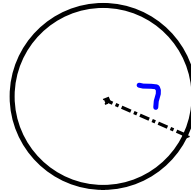
$$x = 16$$

x = 14

8. Find the area of circle. Use 3.14 as pi



work

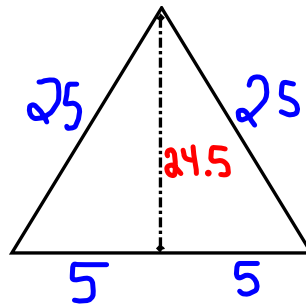


$$7^2 \cdot 3.14$$

$$49 \cdot 3.14$$

$$\boxed{153.86}$$

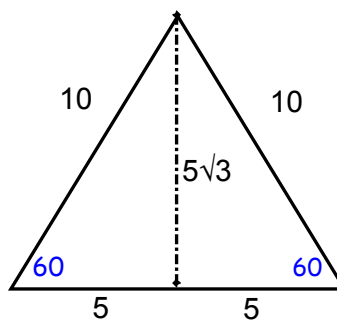
9. Find area of an isosceles triangle with sides of 25,25, and 10



$$\frac{5 \cdot 24.5}{2}$$

$$\boxed{61.25}$$

10. find area of equilateral triangle with perimeter of 30



$$\frac{10 \times 5\sqrt{3}}{2}$$

$$\frac{50\sqrt{3}}{2}$$

$$\boxed{25\sqrt{3}}$$