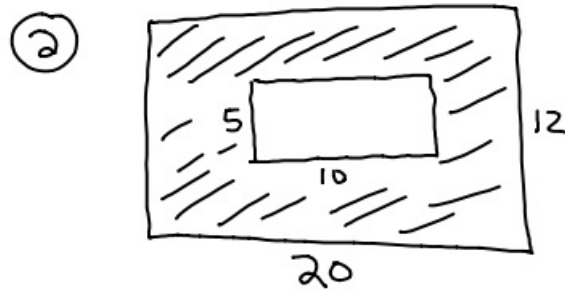
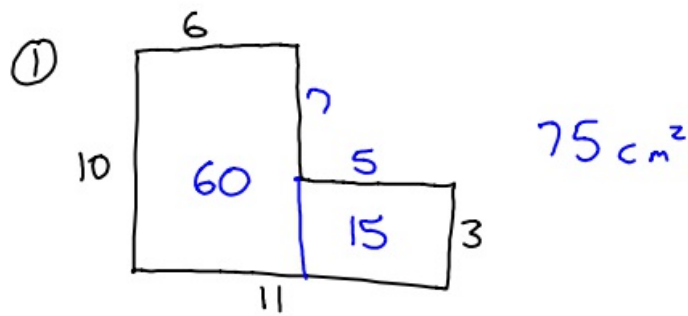
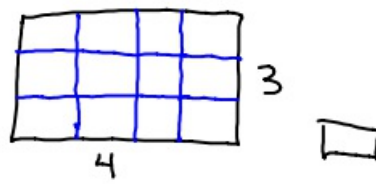
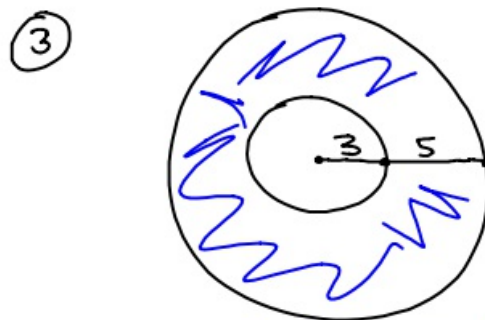


2-7-19 5th Geo

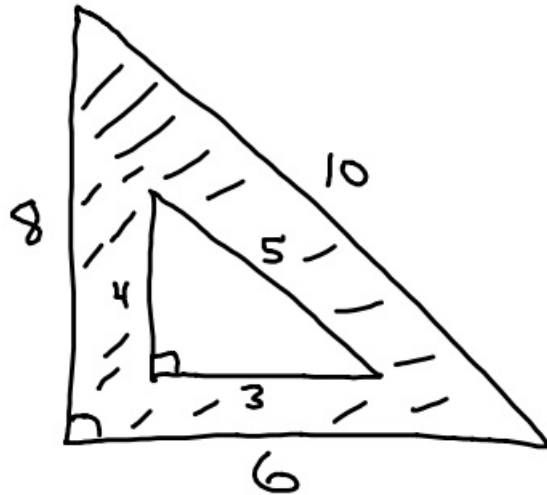


Whole - hole
240 - 50
190 cm²



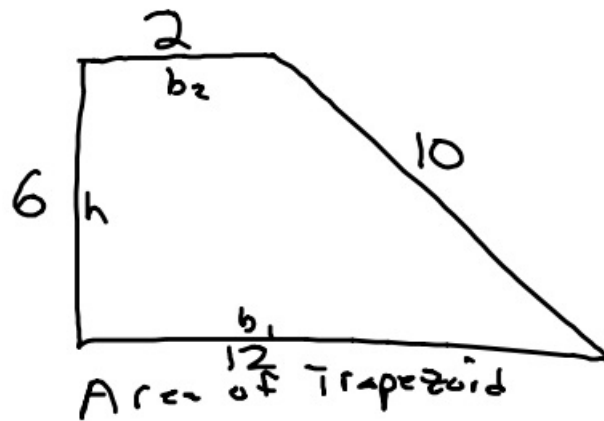
Whole - hole
 $\pi r_1^2 - \pi r_2^2$
 $\pi \cdot 8^2 - \pi \cdot 3^2$
 $64\pi - 9\pi$
55π

④



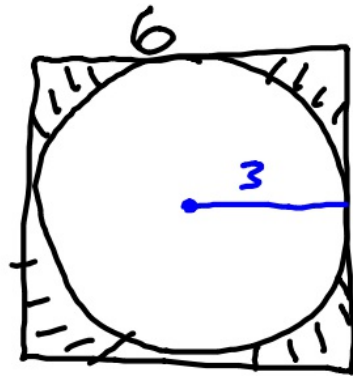
Whole - hole
 $\frac{1}{2} \cdot b \cdot h - \frac{1}{2} b_2 \cdot h_2$
 $\frac{1}{2} 8 \cdot 6 - \frac{1}{2} \cdot 3 \cdot 4$
 $24 - 6$
 18 cm^2

⑤



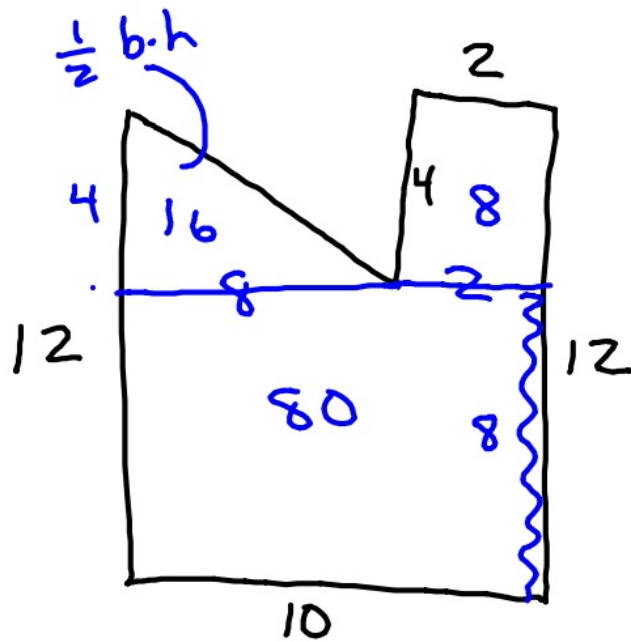
Area of Trapezoid
 $\frac{1}{2} \cdot h (b_1 + b_2)$
 $\frac{1}{2} 6 (12 + 2)$
 $\frac{1}{2} \cdot 6 \cdot 14$
 42 cm^2

⑥



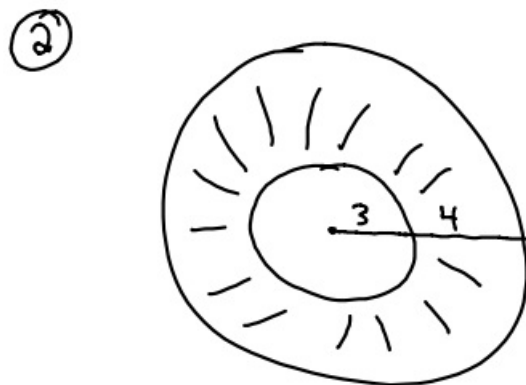
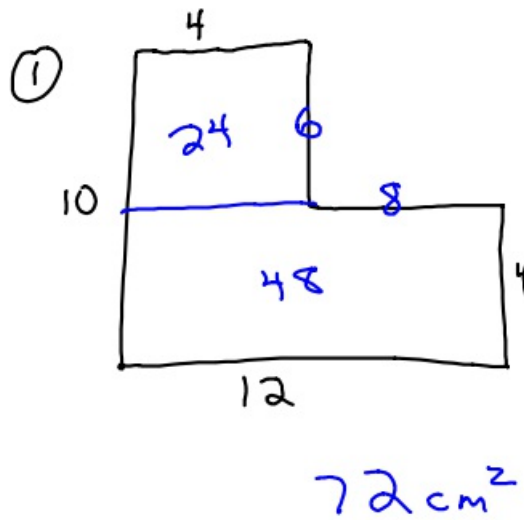
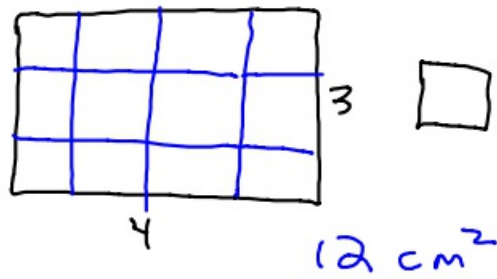
whole-hole
 $6 \cdot 6 - \pi \cdot 3^2$
 $36 - 9\pi$
 $\approx 7.7 \text{ cm}^2$

⑦



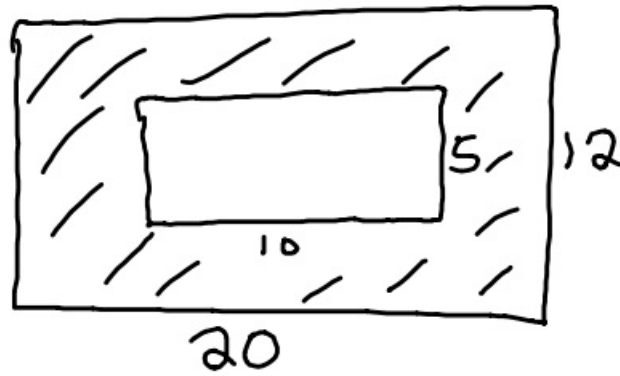
$80 + 16 + 8$
 104 cm^2

2-7-19 Geo



Whole - hole
 $\pi \cdot 7^2 - \pi \cdot 3^2$
 $49\pi - 9\pi$
 40π

③



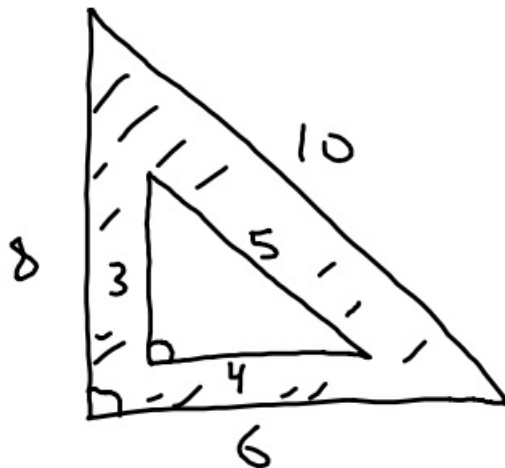
Whole - hole

$$20 \cdot 12 - 10 \cdot 5$$

$$240 - 50$$

$$190 \text{ ft}^2$$

④



Whole - hole

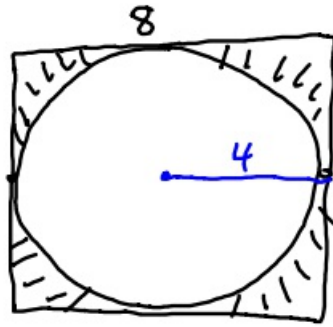
$$\frac{1}{2} b_1 h_1 - \frac{1}{2} b_2 h_2$$

$$\frac{1}{2} \cdot 6 \cdot 8 - \frac{1}{2} \cdot 4 \cdot 3$$

$$24 - 6$$

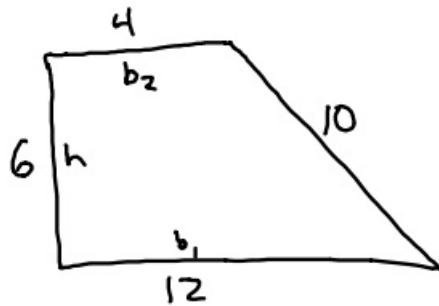
$$18 \text{ cm}^2$$

⑤



Whole - hole
 $8 \cdot 8 - \pi \cdot 4^2$
 $64 - 16\pi$
 13.7 cm^2

⑥

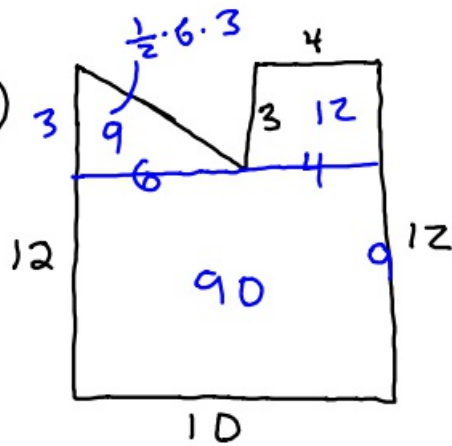


Trapezoid = $\frac{1}{2} \cdot h(b_1 + b_2)$

$\frac{1}{2} \cdot 6(12 + 4)$

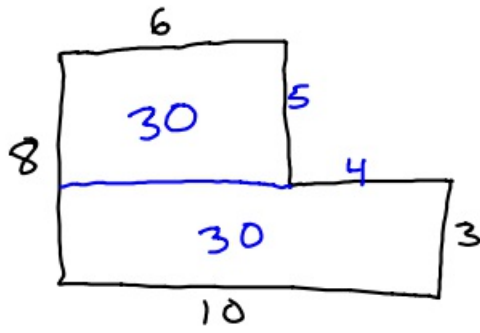
$\frac{1}{2} \cdot 6 \cdot 16$
 48

⑦



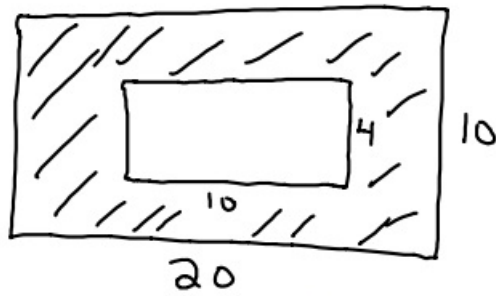
$90 + 9 + 12 = 111 \text{ cm}^2$

8



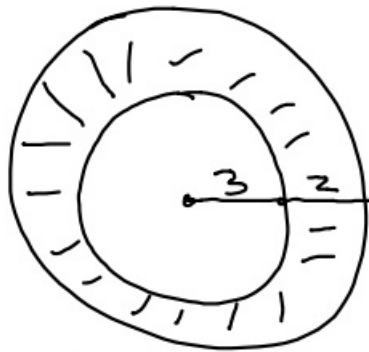
$$60 \text{ cm}^2$$

9



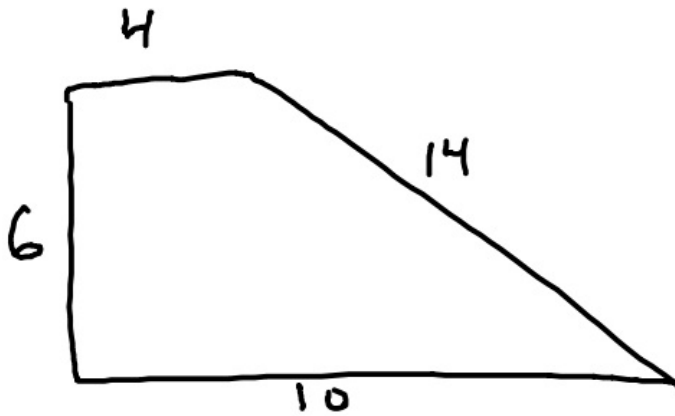
Whole - hole
 $20 \cdot 10 - 10 \cdot 4$
 $200 - 40$
160

10



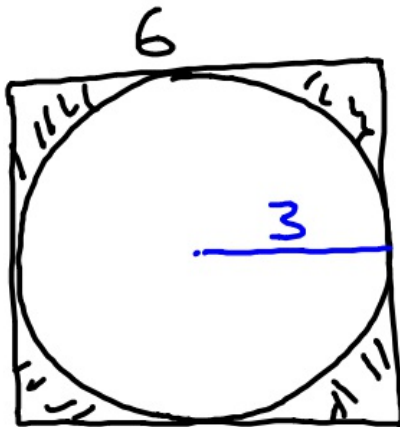
Whole - hole
 $\pi \cdot 5^2 - \pi \cdot 3^2$
 $25\pi - 9\pi$
 16π

11



$$\begin{aligned} A &= \frac{1}{2} \cdot h (b_1 + b_2) \\ &= \frac{1}{2} \cdot 6 (10 + 4) \\ &= \frac{1}{2} \cdot 6 \cdot 14 \\ &= 42 \text{ cm}^2 \end{aligned}$$

12



whole-hole

$$\begin{aligned} &6 \cdot 6 - \pi \cdot 3^2 \\ &36 - 9\pi \end{aligned}$$