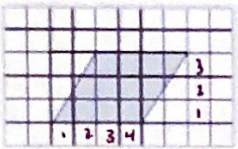
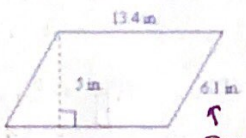
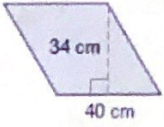
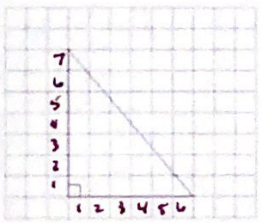
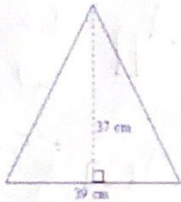
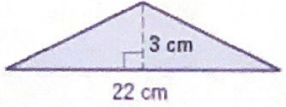
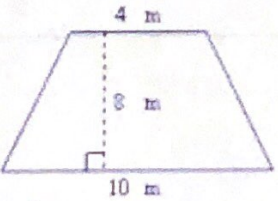
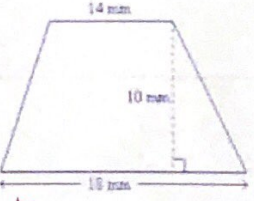
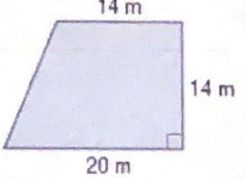
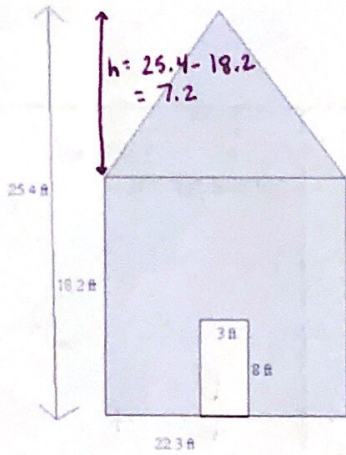


Complete the work inside the boxes under the problem. Circle your answer.
 COPY FORMULAS FROM YOUR NOTES. FILL IN THE NUMBERS TO FIND YOUR ANSWER!

Area formula for a parallelogram: $A = b \times h$ Area formula for a triangle: $A = b \times h \div 2$ Area formula for a trapezoid: $A = (b_1 + b_2) \times h \div 2$		
1. Find the area of the figure in square units.  $b = 4$ $h = 3$ $A = b \times h = 4 \times 3 = 12 \text{ units}^2$	2. Find the area of each parallelogram.  $b = 13.4$ $h = 5$ $A = b \times h = 13.4 \times 5 = 67 \text{ in}^2$ (Note: 6.1 in is marked as 'Do not use')	3. Find area of each parallelogram.  $b = 40$ $h = 34$ $A = b \times h = 40 \times 34 = 1360 \text{ cm}^2$
4. Find the area of each triangle.  $b = 6$ $h = 7$ $A = b \times h \div 2 = 6 \times 7 \div 2 = 21 \text{ units}^2$	5. Find the area of each triangle.  $b = 39$ $h = 37$ $A = b \times h \div 2 = 39 \times 37 \div 2 = 721.5 \text{ cm}^2$	6. Find area of each triangle.  $b = 22$ $h = 3$ $A = b \times h \div 2 = 22 \times 3 \div 2 = 33 \text{ cm}^2$
7. Find the area of each trapezoid.  $b_1 = 10$ $b_2 = 4$ $h = 8$ $A = (b_1 + b_2) \times h \div 2 = (10 + 4) \times 8 \div 2 = 56 \text{ m}^2$	8. Find the area of each trapezoid.  $b_1 = 18$ $b_2 = 14$ $h = 10$ $A = (b_1 + b_2) \times h \div 2 = (18 + 14) \times 10 \div 2 = 32 \times 10 \div 2 = 160 \text{ mm}^2$	9. Find area of each trapezoid.  $b_1 = 20$ $b_2 = 14$ $h = 14$ $A = (b_1 + b_2) \times h \div 2 = (20 + 14) \times 14 \div 2 = 238 \text{ m}^2$

10. Find area of the SHADED region. (Not drawn to scale. Use the dimensions given.)



$$A_{\Delta} = b \times h \div 2$$

$$= 22.3 \times 7.2 \div 2$$

$$= 80.28$$

$$A_{\square} = l \times w$$

$$= 22.3 \times 18.2$$

$$= 405.86$$

$$A_{\square} = l \times w$$

$$= 3 \times 8$$

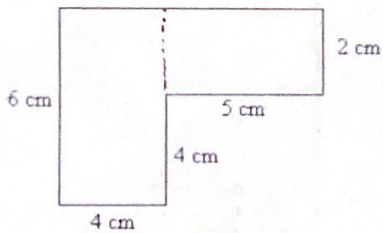
$$= 24$$

$$A_{\text{Total}} = A_{\Delta} + A_{\square} - A_{\square} = 80.28 + 405.86 - 24$$

$$= 462.14 \text{ ft}^2$$

11.

13. What is the area of the figure?



$$A_{\square} = 6 \times 4$$

$$= 24$$

$$A_{\square} = 5 \times 2$$

$$= 10$$

$$A_{\text{Total}} = A_{\square} + A_{\square} = 24 + 10$$

$$= 34 \text{ cm}^2$$