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$\qquad$ Take - Home Quiz

Show ALL your work.
Find the area of the composite shapes below.
1.

2.

3. Find the base if the area of a parallelogram is $228 \mathrm{~cm}^{2}$ and its height is 15.2 cm .
4. Let the area be $150 \mathrm{~m}^{2}$, height 10 m , and one of the bases is 20 m of a trapezoid. Determine the length of the missing base.
5. Draw the parallelogram with the given vertices on the provided graph below. Then calculate the area.


