

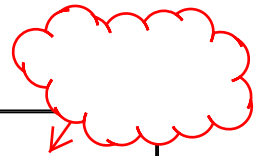
Name \_\_\_\_\_



Date \_\_\_\_\_

## Perimeter and Area

Find the missing measurement of each trapezoid.



1. $height = 21\text{ mm}$ $b_1 = 21\text{ mm}$ $b_2 = 6\text{ mm}$ $area = \underline{\hspace{2cm}}$	2. $height = 21.4\text{ mm}$ $b_1 = 13.5\text{ mm}$ $b_2 = \underline{\hspace{2cm}}$ $area = 456.89\text{ mm}^2$	3. $height = 8\text{ mm}$ $b_1 = \underline{\hspace{2cm}}$ $b_2 = 21\text{ mm}$ $area = 112\text{ mm}^2$
4. $height = \underline{\hspace{2cm}}$ $b_1 = 11.9\text{ m}$ $b_2 = 29.6\text{ m}$ $area = 334.075\text{ m}^2$	5. $height = 20\text{ mm}$ $b_1 = \underline{\hspace{2cm}}$ $b_2 = 16\text{ mm}$ $area = 350\text{ mm}^2$	6. $height = \underline{\hspace{2cm}}$ $b_1 = 23\text{ cm}$ $b_2 = 16\text{ cm}$ $area = 136.5\text{ cm}^2$
7. $height = 21.8\text{ cm}$ $b_1 = 16.9\text{ cm}$ $b_2 = 6.2\text{ cm}$ $area = \underline{\hspace{2cm}}$	8. $height = 13\text{ m}$ $b_1 = 10\text{ m}$ $b_2 = \underline{\hspace{2cm}}$ $area = 97.5\text{ m}^2$	9. $height = 22\text{ mm}$ $b_1 = 9\text{ mm}$ $b_2 = \underline{\hspace{2cm}}$ $area = 286\text{ mm}^2$
10. $height = 24\text{ mm}$ $b_1 = 23\text{ mm}$ $b_2 = 13\text{ mm}$ $area = \underline{\hspace{2cm}}$	11. $height = \underline{\hspace{2cm}}$ $b_1 = 14\text{ m}$ $b_2 = 14\text{ m}$ $area = 140\text{ m}^2$	12. $height = 27.6\text{ mm}$ $b_1 = \underline{\hspace{2cm}}$ $b_2 = 16.7\text{ mm}$ $area = 634.8\text{ mm}^2$
13. $height = 5\text{ m}$ $b_1 = \underline{\hspace{2cm}}$ $b_2 = 19\text{ m}$ $area = 62.5\text{ m}^2$	14. $height = \underline{\hspace{2cm}}$ $b_1 = 8\text{ cm}$ $b_2 = 25\text{ cm}$ $area = 214.5\text{ cm}^2$	15. $height = 18\text{ mm}$ $b_1 = 29\text{ mm}$ $b_2 = \underline{\hspace{2cm}}$ $area = 486\text{ mm}^2$
16. $height = 11.6\text{ mm}$ $b_1 = 16.8\text{ mm}$ $b_2 = 27.8\text{ mm}$ $area = \underline{\hspace{2cm}}$	17. $height = 24.2\text{ m}$ $b_1 = 24.5\text{ m}$ $b_2 = \underline{\hspace{2cm}}$ $area = 387.2\text{ m}^2$	18. $height = 23\text{ m}$ $b_1 = 20\text{ m}$ $b_2 = 24\text{ m}$ $area = \underline{\hspace{2cm}}$