

Name _____



Date _____

Perimeter and Area

Find the missing measurement of each trapezoid.

1. $height = 26\text{ m}$ $b_1 = \underline{\hspace{2cm}}$ $b_2 = 22\text{ m}$ $area = 624\text{ m}^2$	2. $height = 19\text{ mm}$ $b_1 = 26\text{ mm}$ $b_2 = \underline{\hspace{2cm}}$ $area = 513\text{ mm}^2$	3. $height = 13.6\text{ cm}$ $b_1 = 12.6\text{ cm}$ $b_2 = 21.6\text{ cm}$ $area = \underline{\hspace{2cm}}$
4. $height = \underline{\hspace{2cm}}$ $b_1 = 7\text{ mm}$ $b_2 = 20\text{ mm}$ $area = 243\text{ mm}^2$	5. $height = 25\text{ cm}$ $b_1 = \underline{\hspace{2cm}}$ $b_2 = 24\text{ cm}$ $area = 537.5\text{ cm}^2$	6. $height = 17.7\text{ m}$ $b_1 = 10.4\text{ m}$ $b_2 = 29.8\text{ m}$ $area = \underline{\hspace{2cm}}$
7. $height = \underline{\hspace{2cm}}$ $b_1 = 9\text{ cm}$ $b_2 = 12\text{ cm}$ $area = 136.5\text{ cm}^2$	8. $height = 19.2\text{ m}$ $b_1 = 10.5\text{ m}$ $b_2 = \underline{\hspace{2cm}}$ $area = 332.16\text{ m}^2$	9. $height = \underline{\hspace{2cm}}$ $b_1 = 25\text{ mm}$ $b_2 = 27\text{ mm}$ $area = 416\text{ mm}^2$
10. $height = 9\text{ m}$ $b_1 = \underline{\hspace{2cm}}$ $b_2 = 14\text{ m}$ $area = 112.5\text{ m}^2$	11. $height = 5.5\text{ mm}$ $b_1 = 19.1\text{ mm}$ $b_2 = \underline{\hspace{2cm}}$ $area = 121.55\text{ mm}^2$	12. $height = 14\text{ m}$ $b_1 = 22\text{ m}$ $b_2 = 5\text{ m}$ $area = \underline{\hspace{2cm}}$
13. $height = 9\text{ cm}$ $b_1 = 24\text{ cm}$ $b_2 = \underline{\hspace{2cm}}$ $area = 139.5\text{ cm}^2$	14. $height = \underline{\hspace{2cm}}$ $b_1 = 6\text{ cm}$ $b_2 = 18\text{ cm}$ $area = 240\text{ cm}^2$	15. $height = 12.3\text{ cm}$ $b_1 = 21.9\text{ cm}$ $b_2 = 29.1\text{ cm}$ $area = \underline{\hspace{2cm}}$
16. $height = 26\text{ cm}$ $b_1 = \underline{\hspace{2cm}}$ $b_2 = 7\text{ cm}$ $area = 221\text{ cm}^2$	17. $height = 20.7\text{ m}$ $b_1 = 13.4\text{ m}$ $b_2 = \underline{\hspace{2cm}}$ $area = 429.525\text{ m}^2$	18. $height = 18\text{ cm}$ $b_1 = \underline{\hspace{2cm}}$ $b_2 = 24\text{ cm}$ $area = 468\text{ cm}^2$