Name

Answers

 1. \_\_\_\_\_\_\_\_\_\_\_\_\_

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 19.

Homework Section 8.4

Chapter

8

**Indetify the bases (**$b\_{1}andb\_{2}$ **) and the height ( h ) of each trapezoid**

**then calculate the area of each trapezoid.**

 10.3in

2.7in 10in 8in

 10.3in

 6m

 3.7m 3.6m 4.2m

 9m

**1-4. 5-8.**

**9-12.**

 7ft

4ft 5ft

 4ft

**Find the area of each trapezoid.**

 32ft

 20ft

 64ft

 12m

10m 8m 10m

 24m

**13. 14.**

**Find the area of the trapezoid with the given measurements.**

**15.** $b\_{1}=3 m$ ;$ b\_{2}=7.5 m$: h = 3 m

**16.** $b\_{1}=11 m$ ;$ b\_{2}=15 m$: h = 9 m

**17.** $b\_{1}=5.5 m$ ;$ b\_{2}=8.4 m$: h = 6 m

**18.** $b\_{1}=3\frac{1}{4} m$ ;$ b\_{2}=2\frac{1}{4} m$: h = 2 m

**19.** A trapezoid has an area of 64 $ft^{2}$, a height of 8ft and $b\_{1}$ is 15 ft.

 What is the measurement of $b\_{2}$? You must show all work