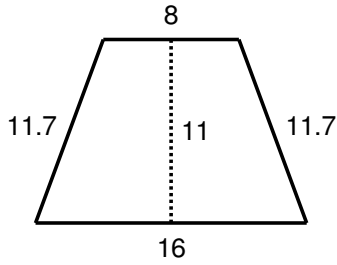


## Perimeter of a Trapezoid

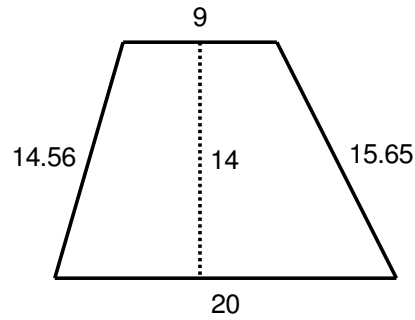
Date \_\_\_\_\_ Period \_\_\_\_\_

**Find the perimeter of each trapezoid.**

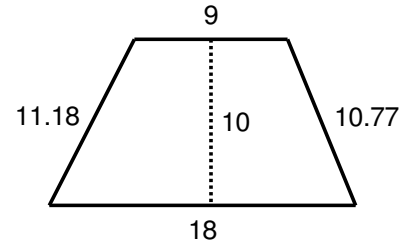
1)



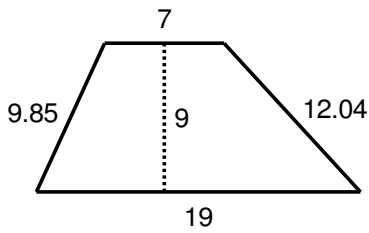
2)



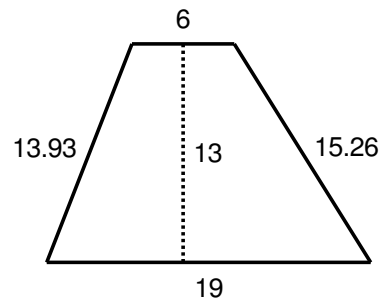
3)



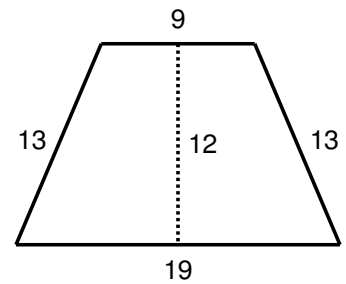
4)



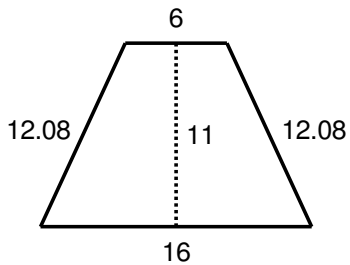
5)



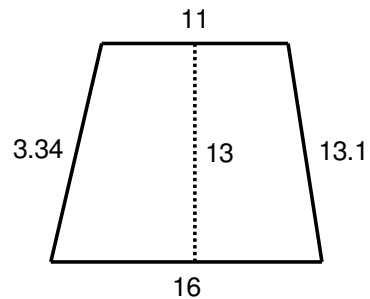
6)



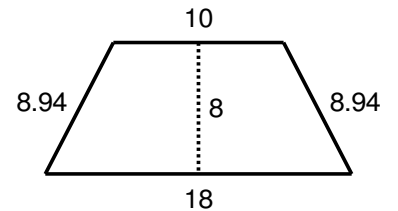
7)



8)

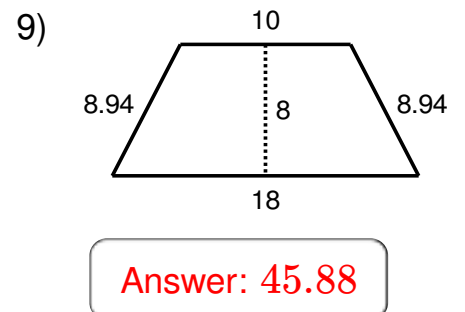
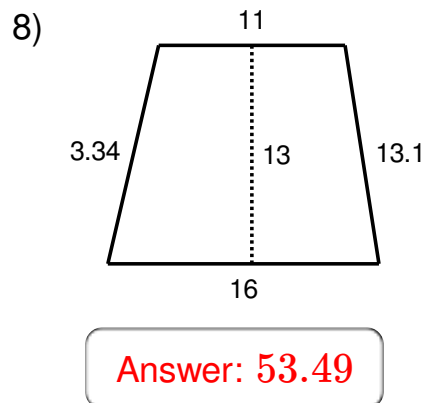
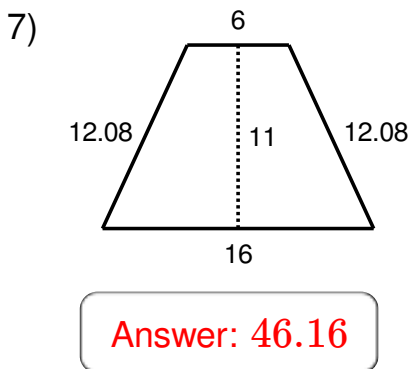
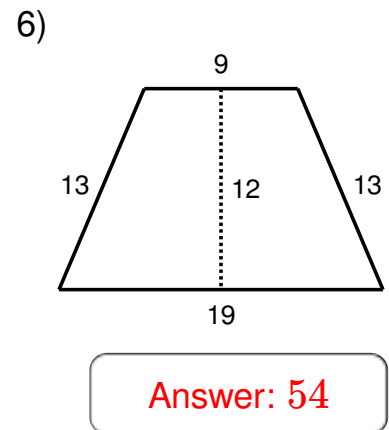
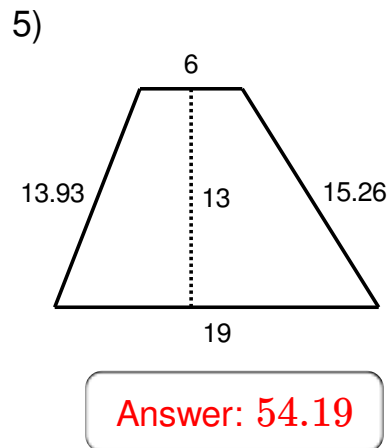
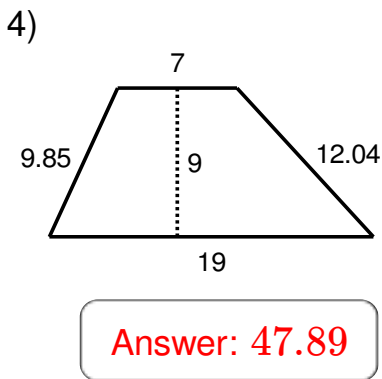
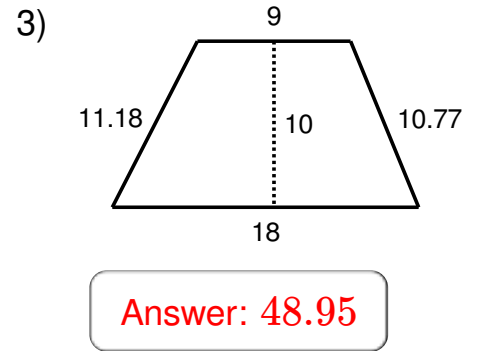
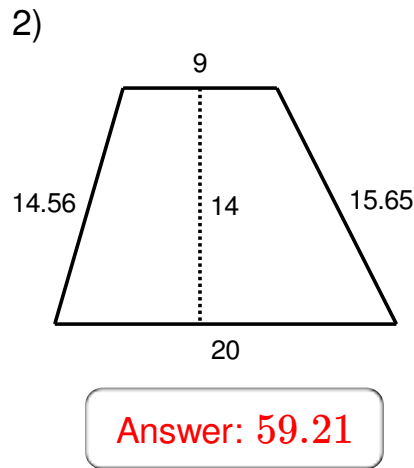
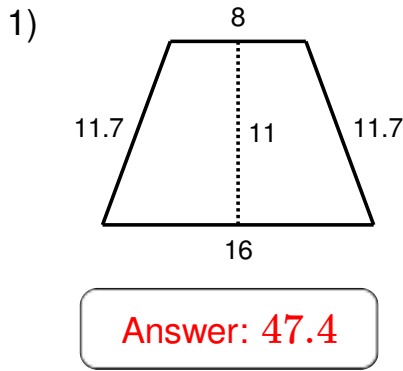


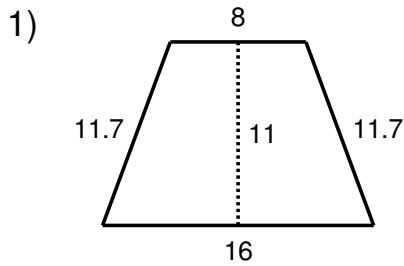
9)



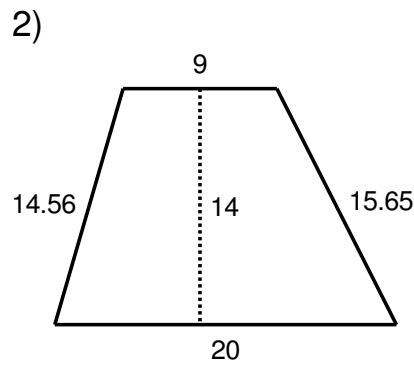
Perimeter of a Trapezoid

Find the perimeter of each trapezoid.

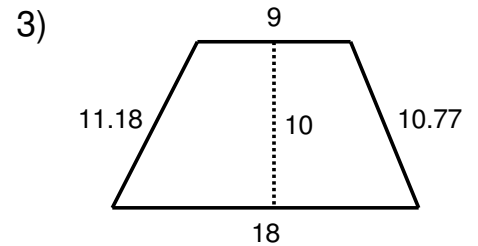


**Solution Steps**

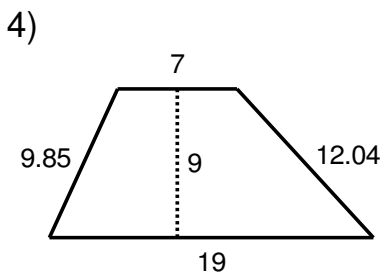
$$\begin{aligned} < spanclass = '>' > = \text{Top} + \\ &\text{Side1} + \text{Bottom} + \text{Side2} \\ \text{Perimeter} &= 8 + 11.7 + 16 + 11.7 \\ \text{Perimeter} &= 47.4 \end{aligned}$$



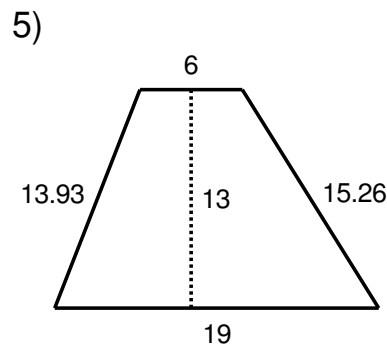
$$\begin{aligned} < spanclass = '>' > = \text{Top} + \\ &\text{Side1} + \text{Bottom} + \text{Side2} \\ \text{Perimeter} &= 9 + 15.65 + 20 + 14.56 \\ \text{Perimeter} &= 59.21 \end{aligned}$$



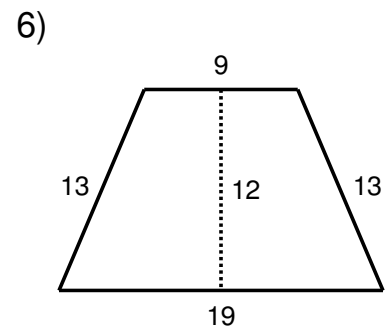
$$\begin{aligned} < spanclass = '>' > = \text{Top} + \\ &\text{Side1} + \text{Bottom} + \text{Side2} \\ \text{Perimeter} &= 9 + 10.77 + 18 + 11.18 \\ \text{Perimeter} &= 48.95 \end{aligned}$$



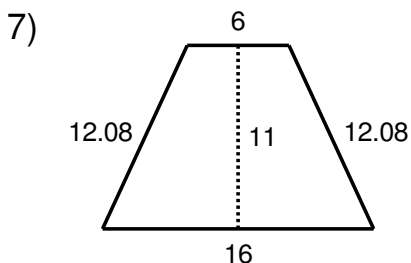
$$\begin{aligned} < spanclass = '>' > = \text{Top} + \\ &\text{Side1} + \text{Bottom} + \text{Side2} \\ \text{Perimeter} &= 7 + 12.04 + 19 + 9.85 \\ \text{Perimeter} &= 47.89 \end{aligned}$$



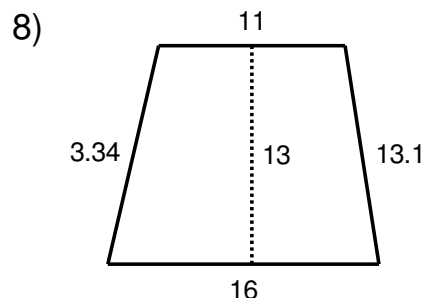
$$\begin{aligned} < spanclass = '>' > = \text{Top} + \\ &\text{Side1} + \text{Bottom} + \text{Side2} \\ \text{Perimeter} &= 6 + 15.26 + 19 + 13.93 \\ \text{Perimeter} &= 54.19 \end{aligned}$$



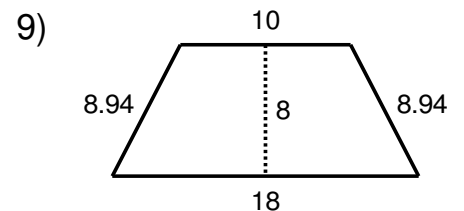
$$\begin{aligned} < spanclass = '>' > = \text{Top} + \\ &\text{Side1} + \text{Bottom} + \text{Side2} \\ \text{Perimeter} &= 9 + 13 + 19 + 13 \\ \text{Perimeter} &= 54 \end{aligned}$$



$$\begin{aligned} < spanclass = '>' > = \text{Top} + \\ &\text{Side1} + \text{Bottom} + \text{Side2} \\ \text{Perimeter} &= 6 + 12.08 + 16 + 12.08 \\ \text{Perimeter} &= 46.16 \end{aligned}$$



$$\begin{aligned} < spanclass = '>' > = \text{Top} + \\ &\text{Side1} + \text{Bottom} + \text{Side2} \\ \text{Perimeter} &= 11 + 13.1 + 16 + 3.34 \\ \text{Perimeter} &= 53.49 \end{aligned}$$



$$\begin{aligned} < spanclass = '>' > = \text{Top} + \\ &\text{Side1} + \text{Bottom} + \text{Side2} \\ \text{Perimeter} &= 10 + 8.94 + 18 + 8.94 \\ \text{Perimeter} &= 45.88 \end{aligned}$$