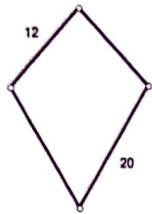
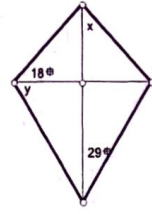
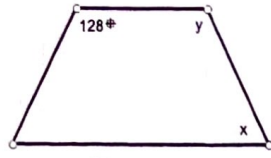
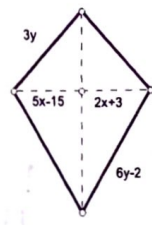
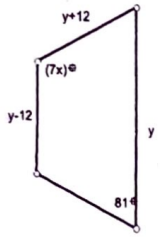
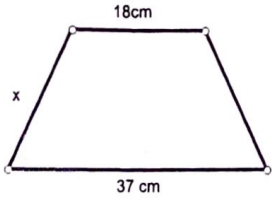
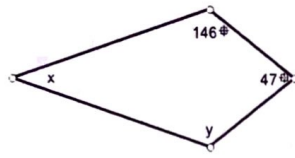
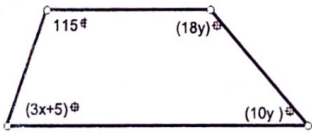
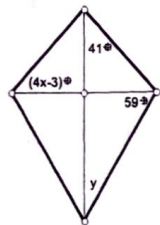
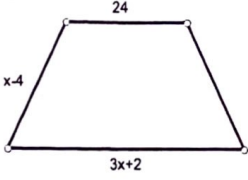
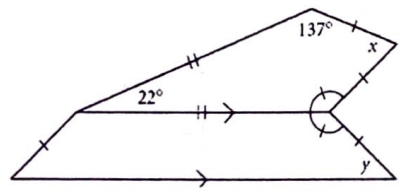
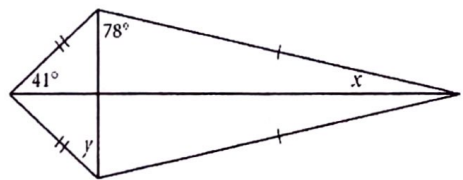


# Geometry Worksheet

## Kites and Trapezoids

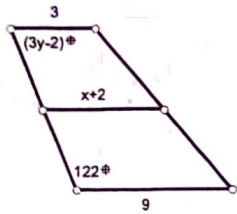
Name: Key  
 Period: \_\_\_\_\_

### I. Kites and Trapezoids: Solve.

<p>1. Kite</p>  <p>Perimeter = <u>64</u></p>	<p>2. Kite</p>  <p><math>x = \underline{72^\circ}, y = \underline{61^\circ}</math></p>
<p>3. Isosceles Trapezoid</p>  <p><math>x = \underline{52^\circ}, y = \underline{128^\circ}</math></p>	<p>4. Kite's Perimeter=86 ft</p>  <p><math>x = \underline{6}, y = \underline{5}</math></p>
<p>5. Isosceles Trapezoid's Perimeter=164 cm</p>  <p><math>x = \underline{14.14}, y = \underline{38}</math></p>	<p>6. Isosceles Trapezoid's Perimeter=85 cm</p>  <p><math>x = \underline{15}</math></p>
<p>7. Kite</p>  <p><math>x = \underline{21^\circ}, y = \underline{146^\circ}</math></p>	<p>8. Trapezoid</p>  <p><math>x = \underline{20}, y = \underline{6.43}</math></p>
<p>9. Kite</p>  <p><math>x = \underline{13}, y = \underline{31^\circ}</math></p>	<p>10. Isosceles Trapezoid's Perimeter=88 ft</p>  <p><math>x = \underline{14}</math></p>
<p>11. <math>x = \underline{64^\circ}, y = \underline{43^\circ}</math></p> 	<p>12. <math>x = \underline{12^\circ}, y = \underline{49^\circ}</math></p> 

II. Midsegment of Trapezoids. Show your work.

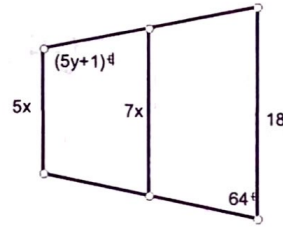
13. Trapezoid with Midsegment



$$x = \frac{4}{1}$$

$$y = \frac{20}{1}$$

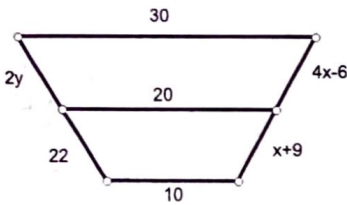
14. ISOSCELES TRAPEZOID with Midsegment



$$x = \frac{2}{1}$$

$$y = \frac{23}{1}$$

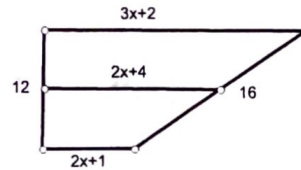
15. 10. Trapezoid with Midsegment



$$x = \frac{5}{1}$$

$$y = \frac{11}{1}$$

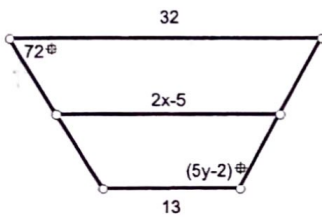
16. Trapezoid with Midsegment



$$x = \frac{5}{1}$$

$$\text{Perimeter} = \frac{56}{1}$$

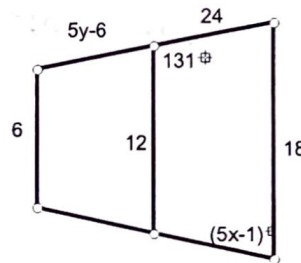
17. Isosceles Trapezoid with Midsegment



$$x = \frac{13.75}{1}$$

$$y = \frac{22}{1}$$

18. Isosceles Trapezoid with Midsegment



$$x = \frac{10}{1}$$

$$y = \frac{6}{1}$$