

8th grade math final

Name _____

Date _____

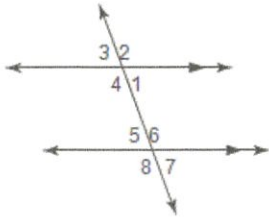
Mrs. Roubos

8R Period _____

Classwork Day 1 & Day 2

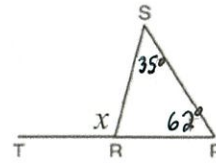
<p>1. Write 68,700,000 in scientific notation.</p> <p>**Steps: _____</p>	<p>2. In scientific notation, what is the sum of: 3.4×10^{-8} and 7.6×10^{-9} ?</p> <p>**Steps: _____</p>
<p>3. Write 5.557×10^9 in standard form.</p> <p>**Steps: _____</p>	<p>4. Write 4.4×10^{-3} in standard form.</p> <p>**Steps: _____</p>
<p>5. Evaluate: $\frac{6^7}{6}$</p> <p>**Steps: _____</p>	<p>6. Evaluate: $5^{10} \cdot 5 \cdot 5^{-4}$</p> <p>**Steps: _____</p>
<p>7. Express 0.00000035 in scientific notation</p> <p>**Steps: _____</p>	<p>8. In $\triangle ABC$, the measure of $\angle A$ is 43° and the measure of $\angle C$ is 90°. What is the measure of $\angle B$?</p> <p>**Steps: _____</p>

9. In the figure below, what is $m\angle 1$ if $m\angle 5 = 70^\circ$?



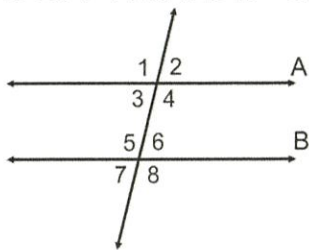
**Steps: _____

10. What is the value of x in the diagram shown?



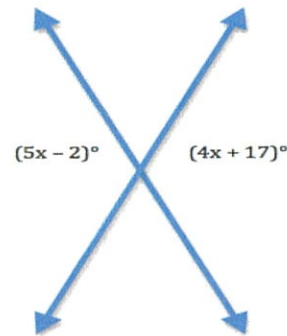
**Steps: _____

11. Lines A and B are parallel lines. The $m\angle 3$ is 20° . Find the $m\angle 6$.



**Steps: _____

12. What is the value of x in the diagram shown?



**Steps: _____

Now you try!!!

13. Write 455,700,000 in scientific notation.

14. In scientific notation, what is the sum of: 6.2×10^{-5} and 5.6×10^{-6} ?

15. Write 7.43×10^7 in standard form.

16. Write 6.5×10^{-6} in standard form.

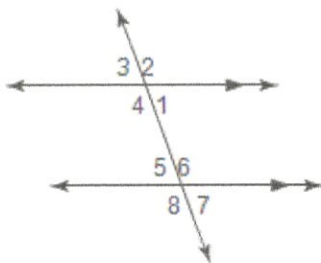
17. Evaluate: $\frac{9^3}{9}$

18. Evaluate: $3^{12} \cdot 3 \cdot 3^{-6}$

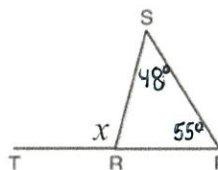
19. Express 0.0000028 in scientific notation

20. In $\triangle ABC$, the measure of $\angle A$ is 56° and the measure of $\angle C$ is 90° . What is the measure of $\angle B$?

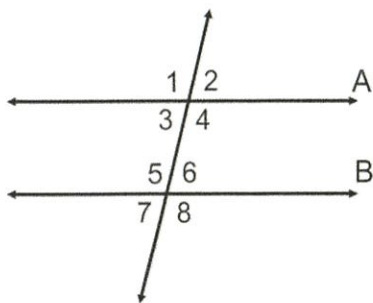
21. In the figure below, the $m\angle 4 = 120^\circ$. Find the $m\angle 6$.



22. What is the value of x in the diagram shown?



23. Lines A and B are parallel lines. The $m\angle 4$ is 110° . Find the $m\angle 5$.



24. Solve for x :

