

Rori Assessment: Grades 6-7

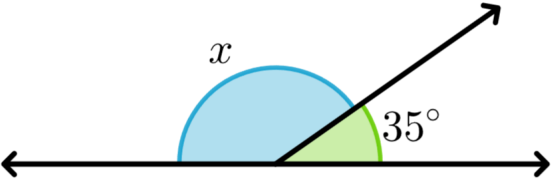
Full Name: _____ School: _____

Student ID : _____ Age: _____ Gender: _____ Class: _____ Date: _____

Section 1: Fill in the blanks.

1.	$13 + 6 = \underline{\hspace{2cm}}$	6.	$19 - 6 = \underline{\hspace{2cm}}$
2.	$18 + 7 = \underline{\hspace{2cm}}$	7.	$25 - 7 = \underline{\hspace{2cm}}$
3.	$12 + 14 = \underline{\hspace{2cm}}$	8.	$26 - 14 = \underline{\hspace{2cm}}$
4.	$22 + 37 = \underline{\hspace{2cm}}$	9.	$59 - 37 = \underline{\hspace{2cm}}$
5.	$38 + 26 = \underline{\hspace{2cm}}$	10.	$64 - 2 = \underline{\hspace{2cm}}$

Student ID : _____

11.	$4 \times \underline{\hspace{1cm}} = 28$
12.	$\frac{4}{14} = \frac{\underline{\hspace{1cm}}}{21}$
13.	One meter is equal to _____ millimeters.
14.	<div style="text-align: center;"></div> <p>The value of x is _____°.</p>
15.	<p>What is the next term in this pattern?</p> $\frac{1}{2}, \frac{2}{3}, \frac{3}{4}, \frac{4}{5}, \frac{5}{6}, \underline{\hspace{1cm}}$

Student ID : _____

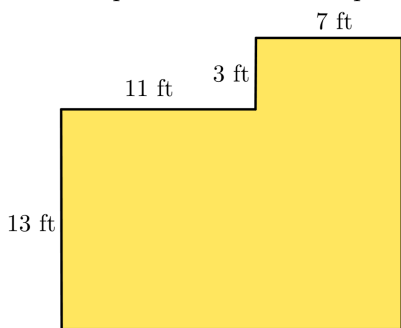
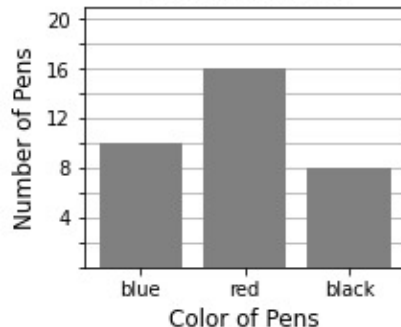
Section 2: Open Response. You must show your thinking in the Rough Work section. You can draw pictures, make tick marks, and try different strategies. Then write your answer in the Final Answer sections.

16.	Subtract : $7003 - 4078$	Rough Work:	Final Answer:
17.	Subtract : $5.3 - 3.8$	Rough Work:	Final Answer:
18.	Multiply : 23×19	Rough Work:	Final Answer:
19.	Divide : $4 \overline{) 204}$	Rough Work:	Final Answer:
20.	Subtract : $\frac{4}{5} - \frac{1}{5}$	Rough Work:	Final Answer:

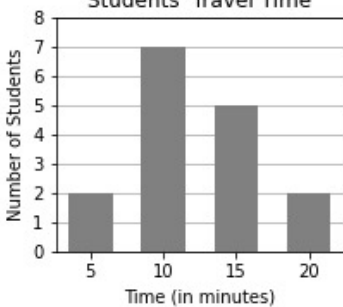
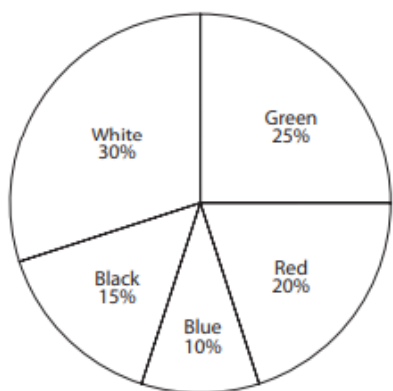
Student ID : _____

21.	Kris begins her homework at 6:40. She finishes at 7:25. How long did it take?	Rough Work:	Final Answer:
22.	There are 600 balls in a box, and $\frac{1}{3}$ of the balls are red. How many red balls are in the box?	Rough Work:	Final Answer:
23.	Convert 0.48 to a fraction in its simplest form.	Rough Work:	Final Answer:
24.	Fifi first traveled 4.8 km in a car and then he traveled 1.5 km in a bus. How far did Fifi travel?	Rough Work:	Final Answer:

Student ID : _____

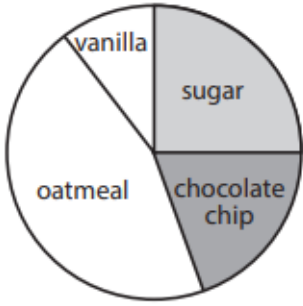
25.	<p>What is the perimeter of this shape in ft?</p> 	Rough Work:	Final Answer:								
26.	<p>The graph shows the number of blue, red, and black pens the teacher has. How many more red pens are there than black pens?</p> <p>Teacher's Pens</p>  <table><thead><tr><th>Color of Pens</th><th>Number of Pens</th></tr></thead><tbody><tr><td>blue</td><td>10</td></tr><tr><td>red</td><td>16</td></tr><tr><td>black</td><td>8</td></tr></tbody></table>	Color of Pens	Number of Pens	blue	10	red	16	black	8	Rough Work:	Final Answer:
Color of Pens	Number of Pens										
blue	10										
red	16										
black	8										
27.	<p>Convert $\frac{3}{5}$ into a decimal</p>	Rough Work:	Final Answer:								
28.	<p>Simplify the expression :</p> $4(3 + x)$	Rough Work:	Final Answer:								

Student ID : _____

29.	<p>The graph shows the students' travel time from home to school. How many students travel for MORE than 10 minutes?</p> <p style="text-align: center;">Students' Travel Time</p>  <table><thead><tr><th>Time (in minutes)</th><th>Number of Students</th></tr></thead><tbody><tr><td>5</td><td>2</td></tr><tr><td>10</td><td>7</td></tr><tr><td>15</td><td>5</td></tr><tr><td>20</td><td>2</td></tr></tbody></table>	Time (in minutes)	Number of Students	5	2	10	7	15	5	20	2	Rough Work:	Final Answer:		
Time (in minutes)	Number of Students														
5	2														
10	7														
15	5														
20	2														
30.	<p>In a class of 30 students, there are 6 students who are less than 13 years old. What is the probability that a student chosen at random will be less than 13 years old?</p>	Rough Work:	Final Answer:												
31.	<p>The pie chart shows the percentage of hats for sale. If there are 200 hats, what is the total number of hats that are green?</p>  <table><thead><tr><th>Color</th><th>Percentage</th></tr></thead><tbody><tr><td>White</td><td>30%</td></tr><tr><td>Green</td><td>25%</td></tr><tr><td>Red</td><td>20%</td></tr><tr><td>Blue</td><td>10%</td></tr><tr><td>Black</td><td>15%</td></tr></tbody></table>	Color	Percentage	White	30%	Green	25%	Red	20%	Blue	10%	Black	15%	Rough Work:	Final Answer:
Color	Percentage														
White	30%														
Green	25%														
Red	20%														
Blue	10%														
Black	15%														

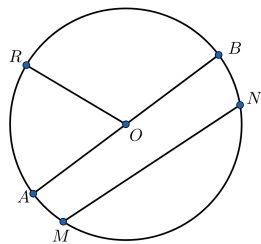
Student ID : _____

Section 3: Multiple Choice: Circle one answer for each question. If you want to change your answer, put a line through that answer and circle the new one.

32.	<p>This chart shows the types of cookies sold by a bakery. Which type of cookie did the bakery sell the most of?</p> <p style="text-align: center;">Cookies Sold</p>  <p style="text-align: center;">oatmeal sugar vanilla chocolate chip</p>	<p>a) oatmeal</p> <p>b) vanilla</p> <p>c) chocolate chip</p> <p>d) sugar</p>
33.	<p>John is looking for shells on the beach. He has 40, and finds s shells. How many shells does he have now?</p>	<p>a) $20 + s$</p> <p>b) 40</p> <p>c) $40 - s$</p> <p>d) $40 + s$</p>
34.	<p>Convert 0.125 to a fraction.</p>	<p>a) $125/100$</p> <p>b) $125/1,000$</p> <p>c) $125/10,000$</p> <p>d) $125/100,000$</p>
35.	<p>Which of these is the LEAST amount of time?</p>	<p>a) 1 day</p> <p>b) 20 hours</p> <p>c) 1,800 minutes</p> <p>d) 90,000 seconds</p>

36.

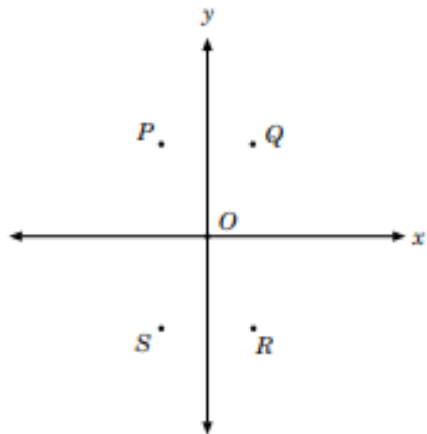
In the figure, the line that does not pass through the centre is _____.



- a) Centre
- b) Diameter
- c) Chord
- d) Radius

37.

In the coordinate plane above, which point could have coordinates (2, 4)?



- a) *P*
- b) *Q*
- c) *R*
- d) *S*

38.

Which of these is a right angle?

