

Warmup

1. Four girls chose a purple dress. If there were 25 girls, what percent chose a purple dress?

2. A class survey was taken regarding the number of pets the families have. The results are 4, 2, 1, 0, 6, 3, 2, 4, 5, 4, and 1. What is the mean, median, mode and range of the data?

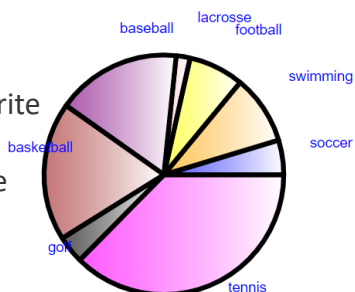
Mean: _____

Median: _____

Mode: _____

Range: _____

3. The students in math class were asked what their favorite sport is. The data was graphed in the following pie chart.



4. Identify the measurement of each:

Acute angle: _____

Straight angle : _____

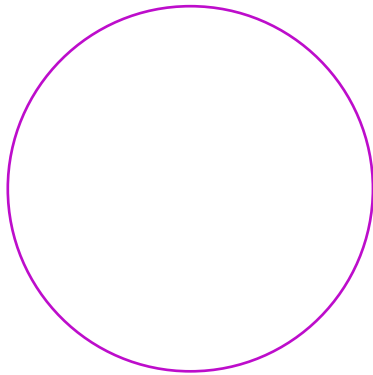
Obtuse angle : _____

Right angle : _____

I. Shading Part of a Circle or Pie Chart

Percent	Fraction	Decimal	Shaded Circle
100%			
50%			
25%			
75%			
20%			
10%			
$33\frac{1}{3}\%$			
$66\frac{2}{3}\%$			

5. The students in art class were asked what their favorite color is. The data is shown in the table. Sketch the pie graph.



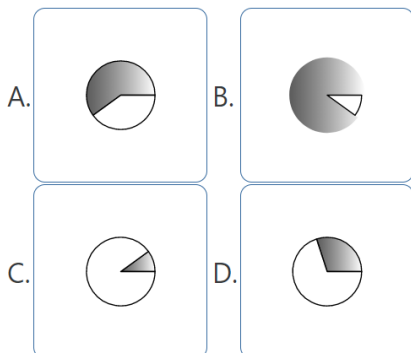
Color	Number of Students
orange	10
yellow	45
pink	25
green	20

6.

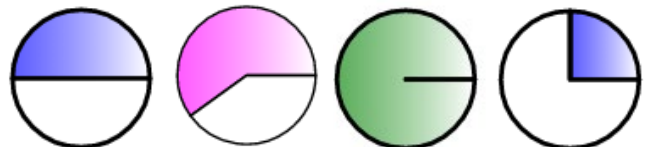
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II. Percent on a Pie Chart

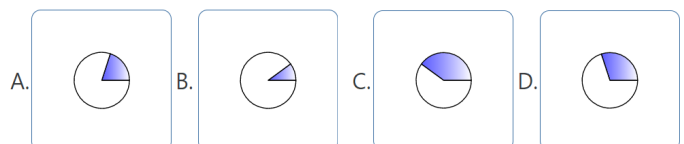
100 people were surveyed to determine their favorite color. 90 people chose black. Which chart shows the correct size slice showing the data for the number of people who



5 out of 20 people surveyed watch tv more than 4 hours a day. Calculate the Percentage of people that watch more than 4 hours of tv. Which pie displays the 'slice' representing 5 out of 20?

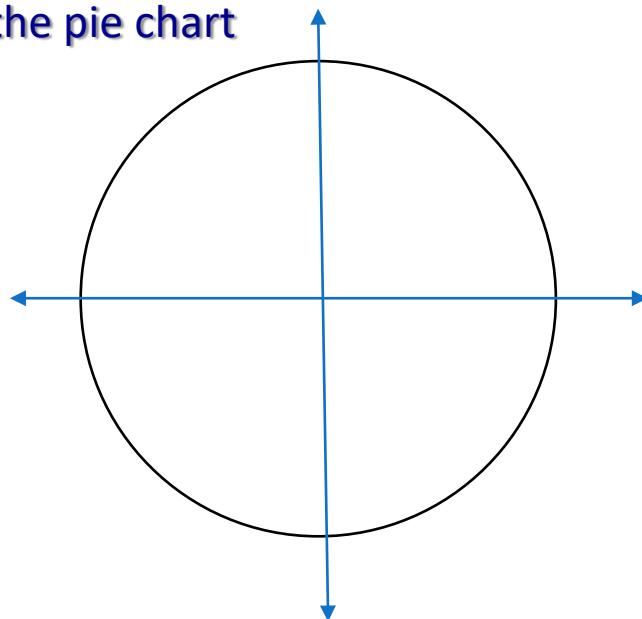
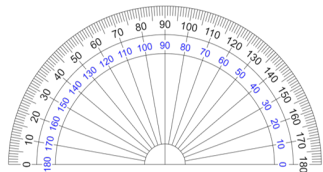


8. 10 people were surveyed to determine their favorite color. 3 people chose blue. Which chart shows the correct size slice showing the data for the number of people who chose blue?

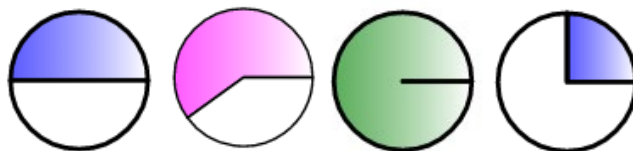


What percent of the pie is shaded? _____ %

III. Determine the size of each slice of the pie chart



5 out of 20 people surveyed watch tv more than 4 hours a day. Calculate the percentage of people that watch more than 4 hours of tv. Which pie displays the 'slice' representing 5 out of 20?



How many degrees is the slice of pie?

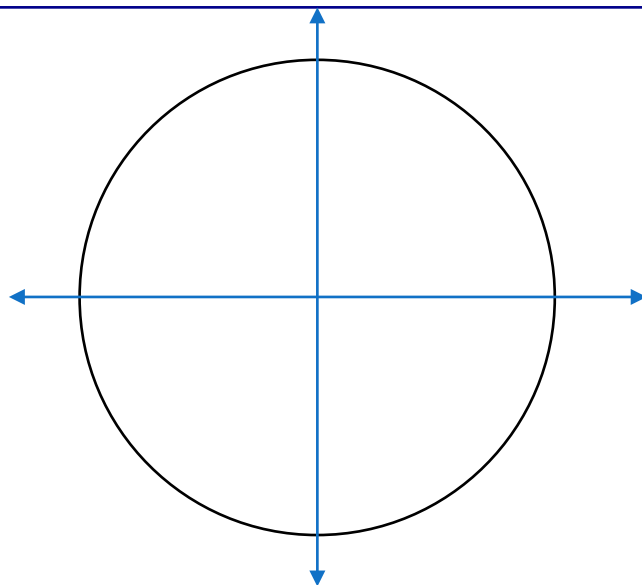
8 people were surveyed regarding exercise.

1 person does not exercise.

4 people exercise less than 2 hours a day.

3 people exercise more than 2 hours a day.

Draw the pie graph.



IV. Practice

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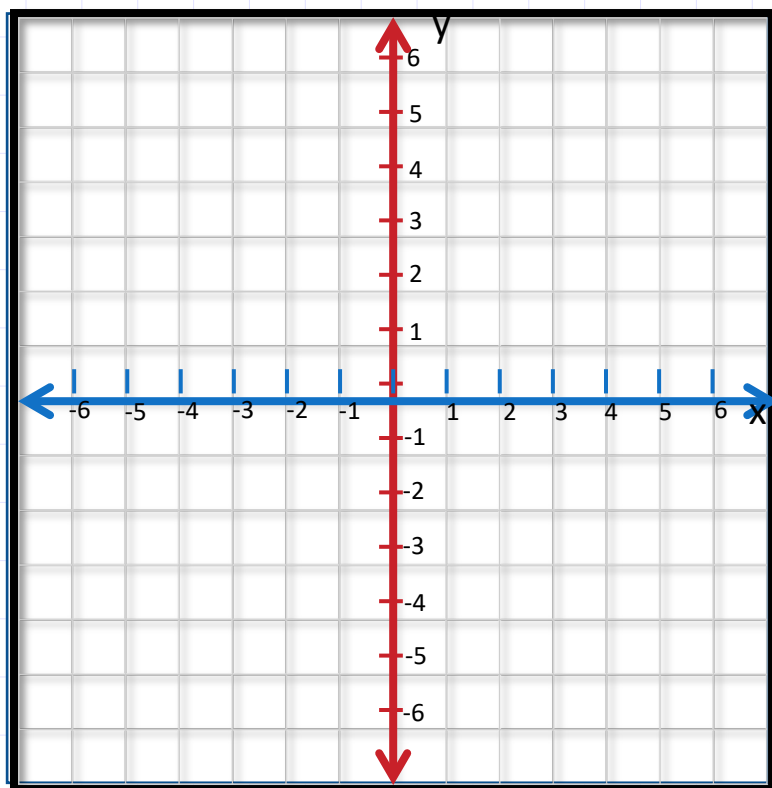
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