

$$52 \times 2 = 104$$

$$52 \times 3 = 156$$

$$52 \times \frac{1}{2} = 26$$

$$\left(52 \times \frac{1}{4} = 13 \right.$$

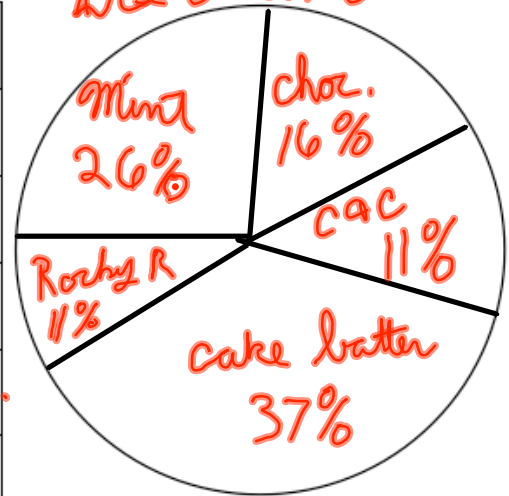
$$52 \times 0.5 =$$

$\left(\text{find } 25\% \text{ of } 52 \right.$

- 1) Identify the whole.
- 2) Determine the number of parts.
- 3) Calculate the % of the circle graph represented by each part.
- 4) Determine the measures of the angles that correspond to the the percents
- 5) Draw and title the graph, labeling each pie-shaped sector with a category and a percent.

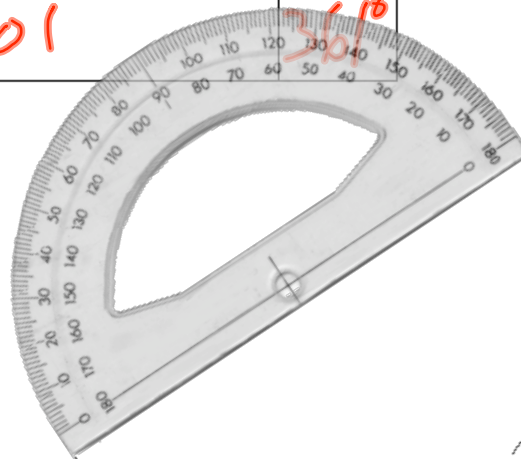
$$\% = \frac{P}{W}$$

ice cream



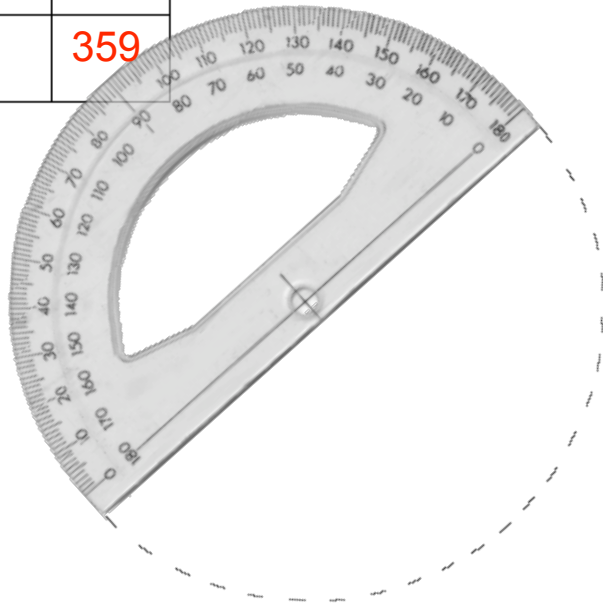
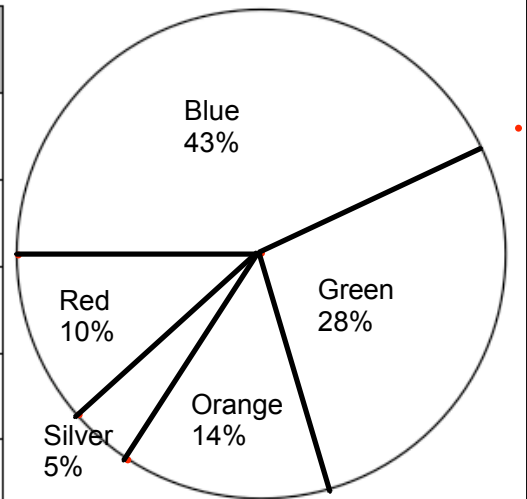
Mint
choc
cac
cake batter
Rocky Road
whole

| # | % Calculations | Degree |
|----|--|-------------|
| 5 | $\% = \frac{5}{19} = 26\%$ $0.26 \times 360 =$ | 95° |
| 3 | $\% = \frac{3}{19} = 0.16 \times 360 =$ | 57° |
| 2 | $\% = \frac{2}{19} = 0.11 \times 360 =$ | 38° |
| 7 | $\% = \frac{7}{19} = 0.37 \times 360 =$ | 133° |
| 2 | 11% | 38° |
| 19 | 101 | 360° |



- 1) Identify the whole.
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| | # | % Calculations | Degree |
|--------|----|--------------------------|--------|
| blue | 9 | $\% = 9/21 = 0.43 * 360$ | 154 |
| Green | 6 | $\% = 6/21 = 0.28 * 360$ | 103 |
| Orange | 3 | $\% = 3/21 = 0.14 * 360$ | 51 |
| Silver | 1 | $\% = 1/21 = 0.05 * 360$ | 17 |
| Red | 2 | $\% = 2/21 = 0.10 * 360$ | 34 |
| Whole | 21 | 100 % | 359 |

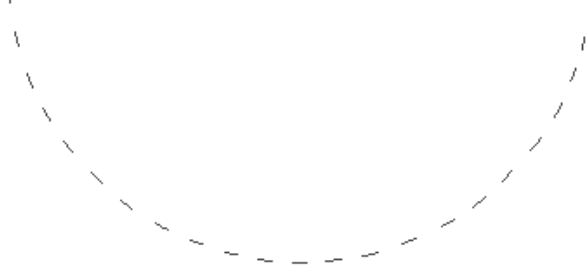
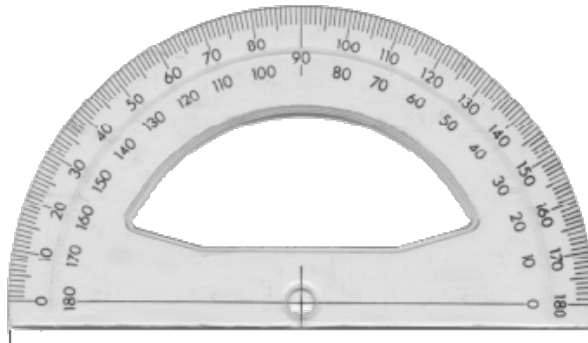
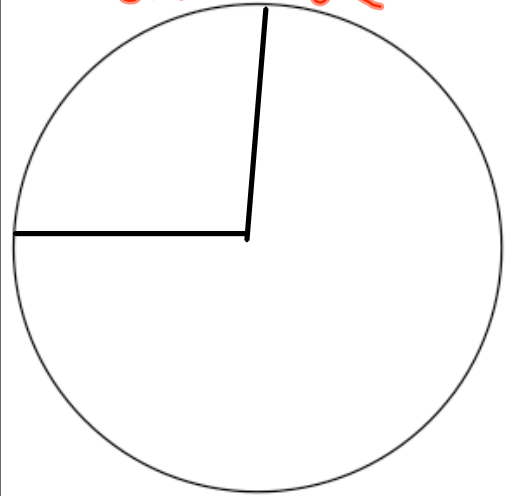


- 1) Identify the whole.
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elephant
dog
chindula
higgins
turtle
whale

| # | % Calculations | Degree |
|---|----------------|--------|
| 1 | | |
| 4 | | |
| 3 | | |
| 2 | | |
| 9 | | |
| | | |

animals



- 1) Identify the whole.
- 2) Determine the number of parts.
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Snack

sushi 6
calamari 2
brownies 4
salami 2
cheese its 3
whole

| # | % Calculations | Degree |
|---|----------------|--------|
| | | |
| | | |
| | | |
| | | |
| | | |
| | | |

