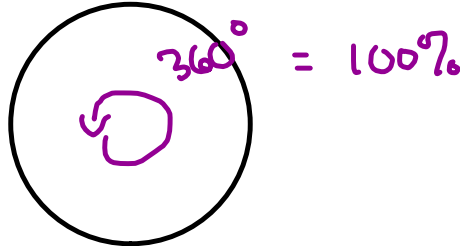


review graphs

concrete example **LESSON # 35** - Circle Graph

Circle Graphs are usually used to show how something is divided into parts.

Reminders



$$\frac{1}{100} = 0.01 \times 360$$

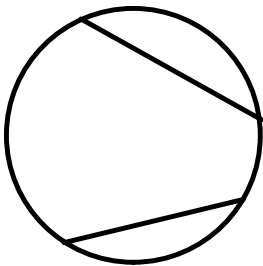
$$\frac{1}{100} \times 360$$

100% means 360°, therefore:  
1% means ? 3.6°

$$\frac{75}{100} \times 360$$

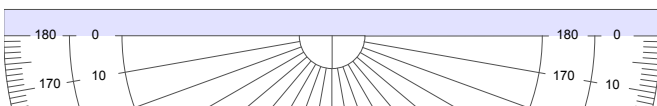
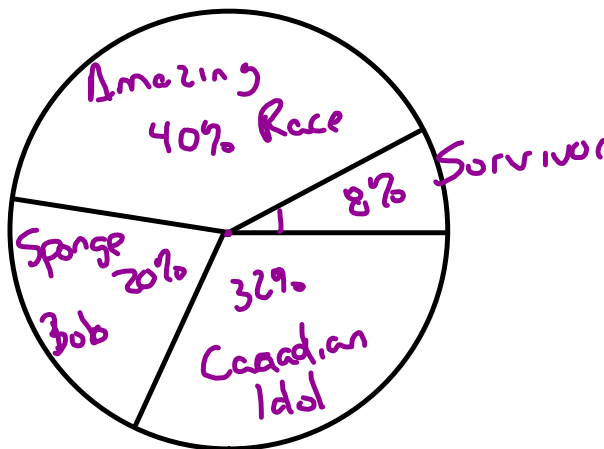
75% means ? 270°      0.75

EXAMPLE



TV Show	Frequency	%	Central Angle
Survivor	20	$\frac{20}{250} \times 100 = 8$	$\frac{8}{100} \times 360 = 28.8 = 29^\circ$
Amazing Race	100	$\frac{100}{250} \times 100 = 40$	$0.4 \times 360 = 144^\circ$
Sponge Bob	50	$\frac{50}{250} \times 100 = 20$	$0.2 \times 360 = 72^\circ$
Canadian Idol	80	$\frac{80}{250} \times 100 = 32$	$0.32 \times 360 = 115^\circ$
total	<u>250</u>	<u>100</u>	<u>360</u>

need protractor, ruler and compass



## Attachments

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Circle Graphs.notebook

graphs.notebook