

Pie charts



Tig and his 15 friends and family are at the jungle cinema, but they can't agree on which film to watch together. All 16 tigers have voted for a film in Tig's tally chart below.

Adventure films	The Hidden City	
	Jungle Quest	
Comedy films	Animals in Space	
	Grasshoppers Attack	
Drama films	Paws for Thought	

It looks close...



Let's make a circle, or pie, chart from the information. That might make it clearer.

NOW SHOWING
The Hidden City
Jungle Quest
Animals in Space
Grasshoppers Attack
Paws for Thought

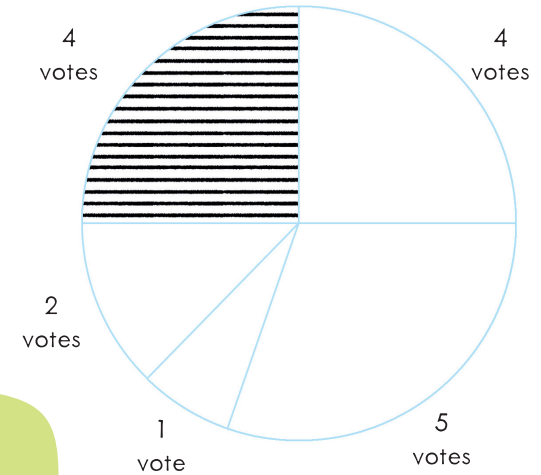
The Hidden City has a quarter of the total votes (4 is a quarter of 16).

I've drawn stripes on a quarter of the circle to show this.

Jungle Quest also has a quarter of the votes.

Please draw spots on the other quarter segment for me.

Which film is the most popular?



Look at the key below, then fill in the pie chart for the other films.

Pie chart key

- |||| = The Hidden City (4)
- = Jungle Quest (4)
- ⊙⊙⊙ = Animals in Space (5)
- ~~~~ = Grasshoppers Attack (1)
- ~~~~ = Paws for Thought (2)



I can see that Animals in Space is the most popular film, with more than a quarter of the votes. We'll watch that.

Look back at Tig's tally chart on the opposite page. What fraction of the animals wanted to see an adventure film? Write the answer in the box. (You could write the fraction in words or numbers.)