

Pass the Problem

Graphs

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How to Play:

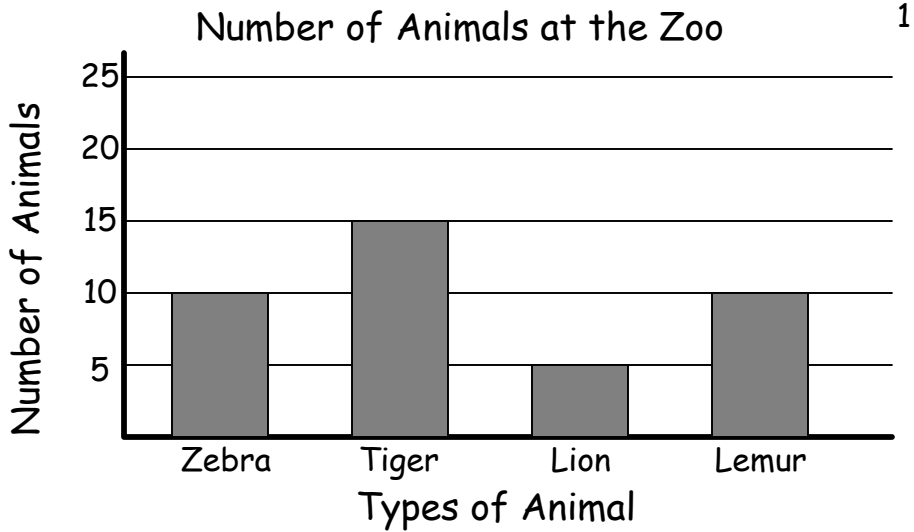
1. Give one question to each person, or each group, depending on the number of students.
2. Provide the students with something to record answers.
3. Start the students on their first problems.
4. Allow a designated amount of time, and then say, "Stop. Pass the problem."
5. Students pass their problem to their neighbors, and receive a new one.
6. Repeat until all students have received all the questions, or until a satisfactory number of questions have been answered.

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Answer Key:

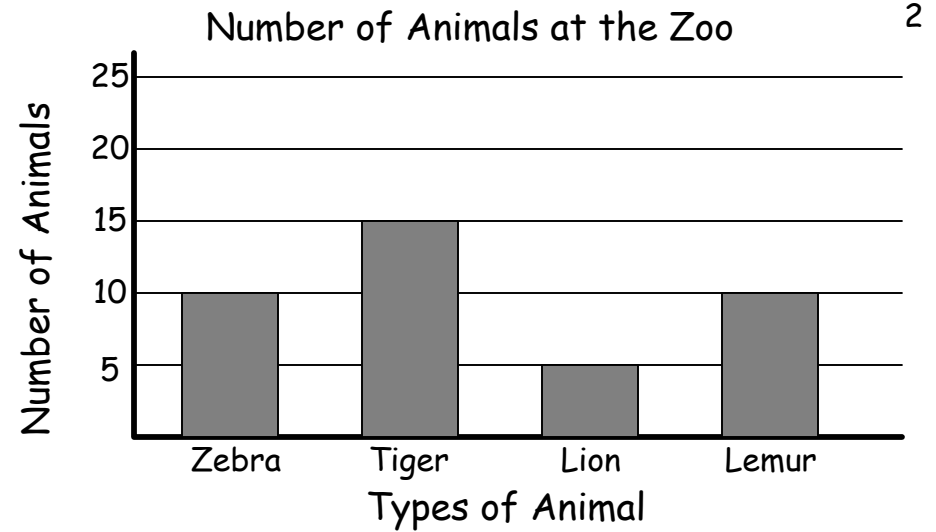
1. 40 animals
2. 10 more lions and tigers
3. 20 lemurs and zebras
4. 5 lions
5. 41 ice cream cones
6. 10 chocolate or strawberry cones
7. 2 more cookie dough cones
8. 3 chocolate chip cones
9. 44 students
10. 8 students
11. 8 students
12. 16 students

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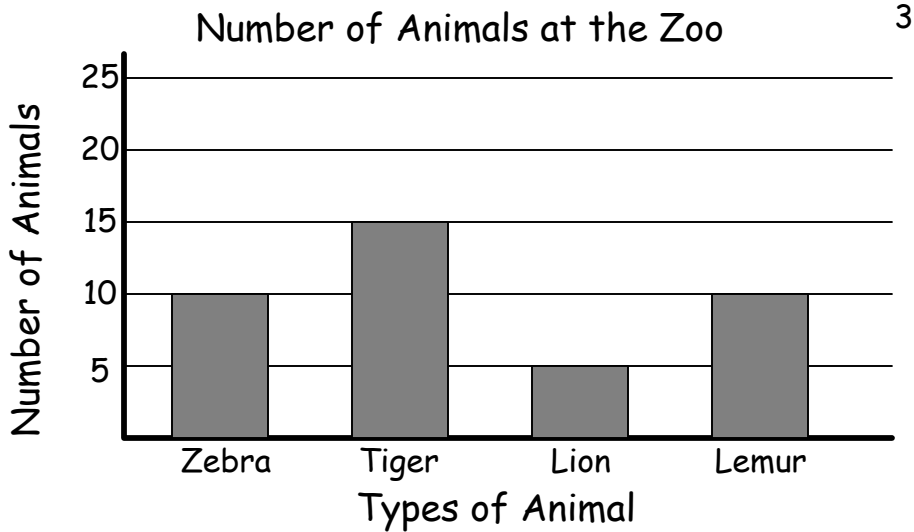
What is the total number of animals at the zoo?

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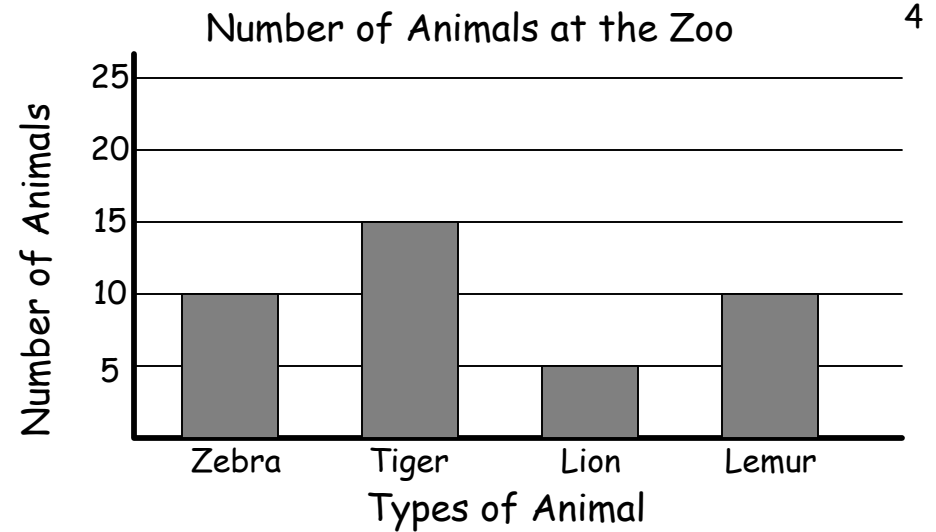
How many more lions and tigers than zebras?

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What is the total number of lemurs and zebras at the zoo?

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How many lions are at the zoo?

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Number of Ice Cream Cones Sold by Flavor

5

Flavors	Cones Sold
vanilla	
chocolate	
strawberry	
chocolate chip	
cookie dough	

How many total cones were sold?

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Number of Ice Cream Cones Sold by Flavor

6

Flavors	Cones Sold
vanilla	
chocolate	
strawberry	
chocolate chip	
cookie dough	

How many chocolate or strawberry ice cream cones were sold?

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Number of Ice Cream Cones Sold by Flavor

7

Flavors	Cones Sold
vanilla	
chocolate	
strawberry	
chocolate chip	
cookie dough	

How many more cookie dough cones were sold than vanilla cones?

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Number of Ice Cream Cones Sold by Flavor

8






Flavors	Cones Sold
vanilla	
chocolate	
strawberry	
chocolate chip	
cookie dough	


How many chocolate chip cones were sold?

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The Number of Students Who Play Sports

9

Sport	Number of Students
basketball	
soccer	
football	
volleyball	
hockey	






Each  = 4 students


How many students play sports total?

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The Number of Students Who Play Sports

10

Sport	Number of Students
basketball	
soccer	
football	
volleyball	
hockey	






Each  = 4 students


How many students play volleyball or hockey?

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The Number of Students Who Play Sports

11

Sport	Number of Students
basketball	
soccer	
football	
volleyball	
hockey	






Each  = 4 students


How many more students play soccer than football?

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The Number of Students Who Play Sports

12

Sport	Number of Students
basketball	
soccer	
football	
volleyball	
hockey	

Each  = 4 students

How many students play soccer?

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