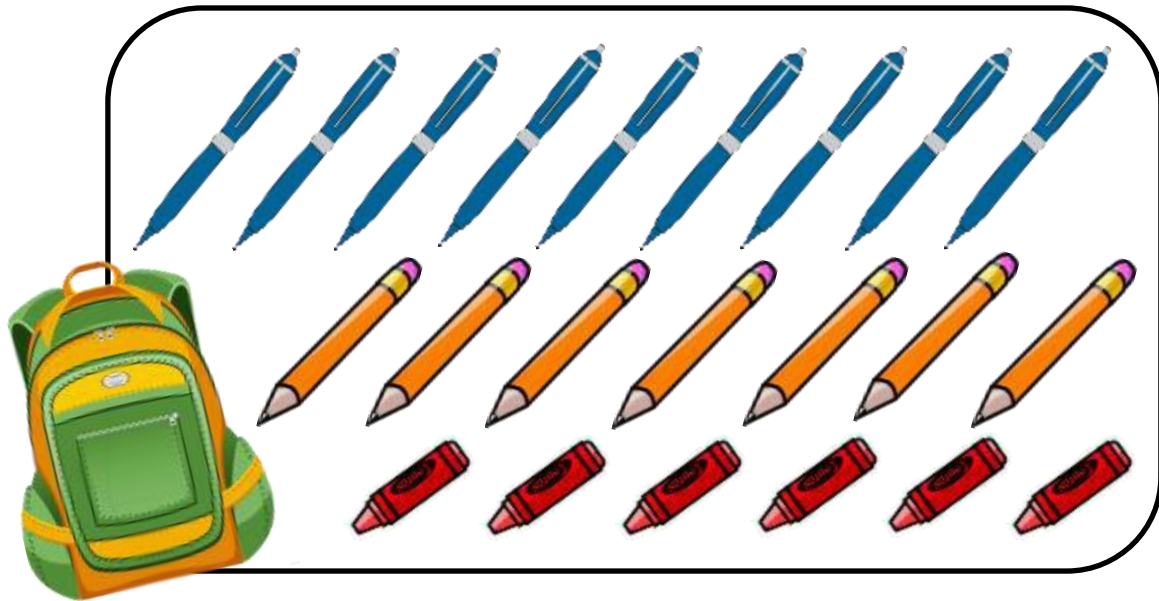




Probability: School bag

Data and Graphing Worksheet

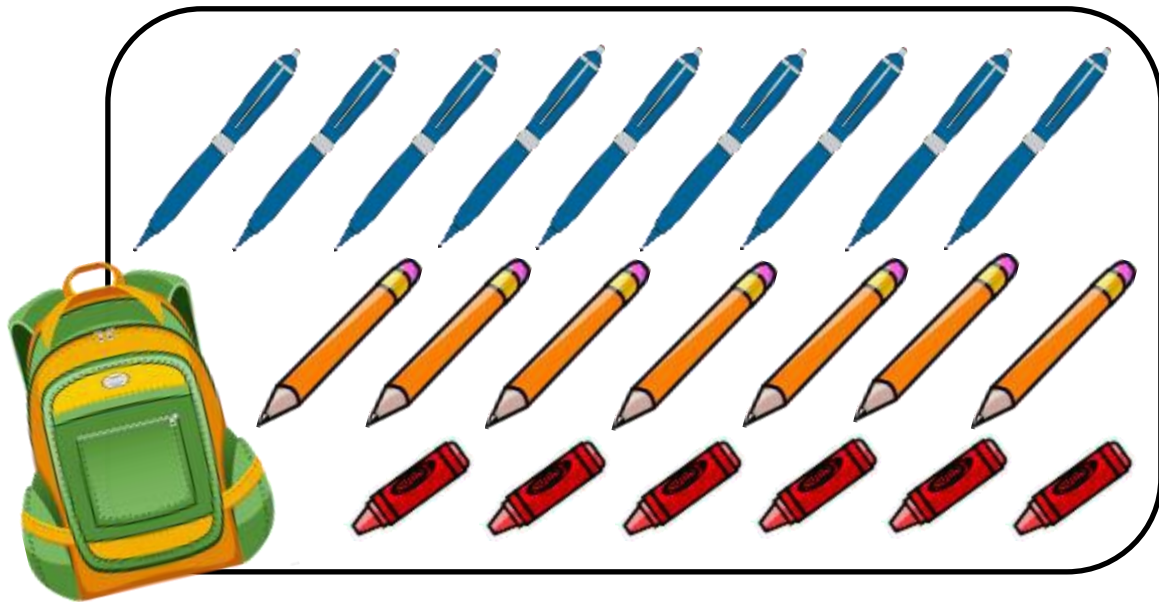
Inside this school bag are the pictured objects.



1. What is the probability of pulling a pencil from the bag? _____
2. What is the probability of pulling a crayon from the bag? _____
3. What is the probability of pulling a pen from the bag? _____
4. What is the probability of pulling either a pen or a crayon from the bag? _____
5. What is the probability of pulling either a pencil or a pen out of the bag? _____
6. Which object is least likely to be pulled out of the bag? _____
7. Which object has the highest possibility of being pulled out of the bag? _____
8. Does a pencil or a crayon have a higher probability of being pulled out? _____



Answers



What is the probability of pulling a pencil from the bag? $7/22$

What is the probability of pulling a crayon from the bag? $6/22$ or $3/11$

What is the probability of pulling a pen from the bag? $9/22$

What is the probability of pulling either a pen or a crayon from the bag? $15/22$

What is the probability of pulling either a pencil or a pen out of the bag? $16/22$ or $8/11$

Which object is least likely to be pulled out of the bag? Crayon

Which object has the highest possibility of being pulled out of the bag? Pen

Does a pencil or a crayon have a higher probability of being pulled out? Pencil