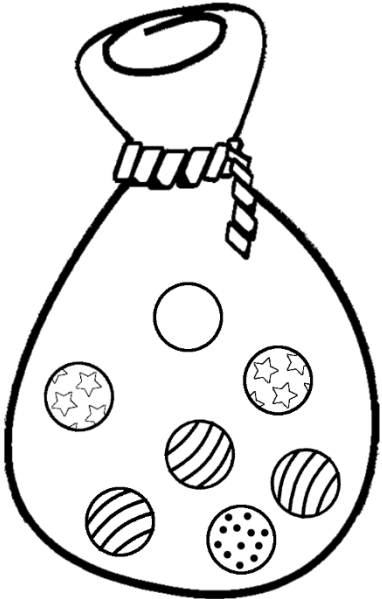






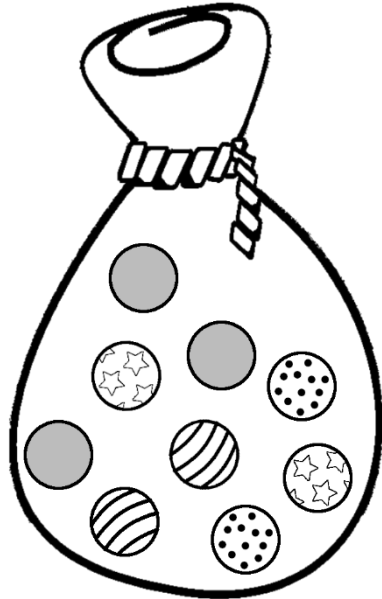
Calculating Probability

Show the probability of the following events as a fraction.








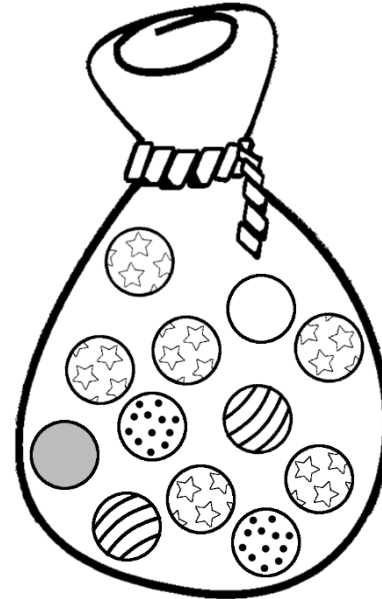
What is the chance of picking out...

- 
- 
- 
- 







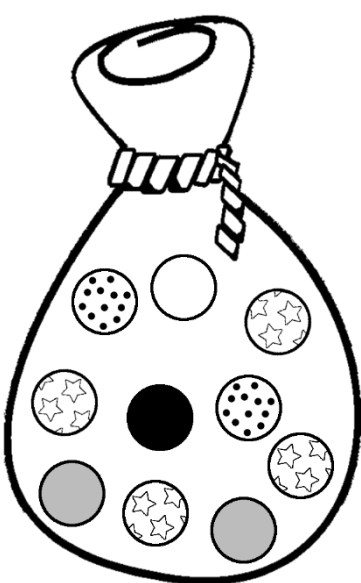
What is the chance of picking out...

- 
- 
- 
-  or 




What is the chance of picking out...

- 
- 
- 
- 



Which marble is the most likely to be picked out?

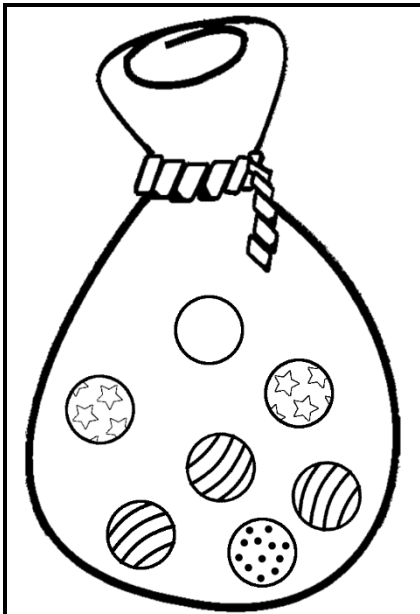
Which marbles have an equal chance of being picked out?

If you picked out a single marble 10 times (and replaced it each time), how many times would you expect to pick out a ?

What if you picked one out 100 times? Explain your answer.

Calculating Probability Answers

Show the probability of the following events as a fraction.



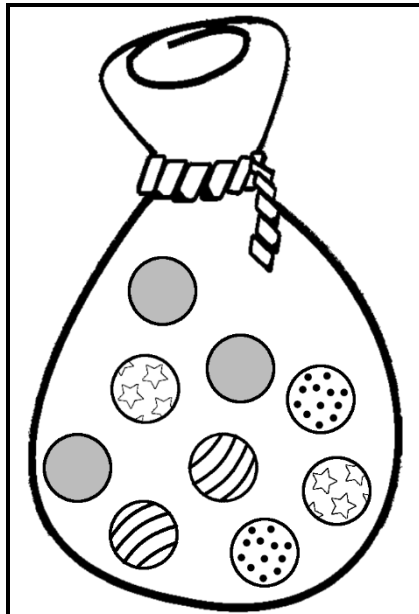
What is the chance of picking out...

 $2/7$

 $1/7$

 $3/7$

 $0/7$



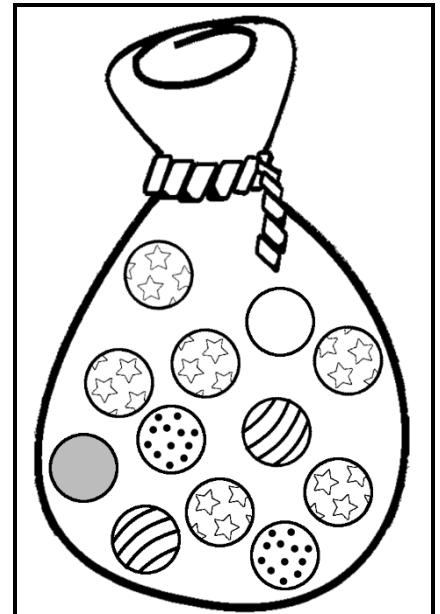
What is the chance of picking out...

 $3/9$ or $1/3$


 $2/9$



 $2/9$

 or  $4/9$




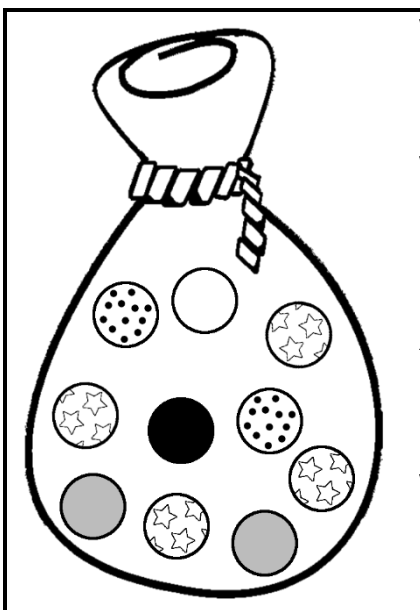
What is the chance of picking out...

 $2/12$ or $1/6$

 or  $3/12$ or $1/4$

 $1/12$

 $6/12$ or $1/2$




Which marble is the most likely to be picked out?

Star marble ($4/10$ or $2/5$)

Which marbles have an equal chance of being picked out?

The grey marble and the dotted marble ($2/10$ or $1/5$)

If you picked out a single marble 10 times (and replaced it each time), how many times would you expect to pick out a ?

Answers will vary

What if you picked one out 100 times? Explain your answer.

Answers will vary