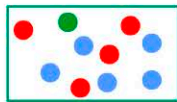# Chance

Name:

1. What is the chance of flipping two heads in a row?

   ○ 10%   ○ 50%

   ○ 25%   ○ 100%

2. There is a ☐ % chance of picking a red marble.

3. Trent picked out a red marble and didn't replace it. What is the chance of picking a red marble on his second pick?

   ○ 33.3%   ○ 36.6%

   ○ 25%   ○ 30%

4. How many different outfits can be worn using these clothes?

   ○ 6   ○ 10

   ○ 8   ○ 12

5. Mr Keltow is thinking of a number from 1 - 20. What is the chance of guessing the number on the fifth try after four incorrect tries.

   ○ 1 in 5   ○ 1 in 8

   ○ 1 in 16   ○ 1 in 10

6. Johan rolled a six then picked up the die to roll again. What is his chance of rolling another six?

   ○ 1 in 6   ○ 1 in 36

   ○ 1 in 3   ○ 1 in 12

7. Roll two dice. Add the values of the two dice. Which total value has a better chance of appearing?

   ○ 2   ○ 12

   ○ 6   ○ all have an equal chance

8. Which of these is correct?

   ○ 0.1% chance = 1 in 100

   ○ 0.25 chance = 2.5% chance

   ○ 12.5% chance = 1 in 8 chance

   ○ 99% chance = 9.9 / 100 chance

9. Sally has a 0.32 chance of winning first prize. What is her chance of winning as a percent?

   ☐ % chance.

10. Jack has a 12 in 75 chance of picking the right box. What is his chance as a percentage?

   ☐ % chance.