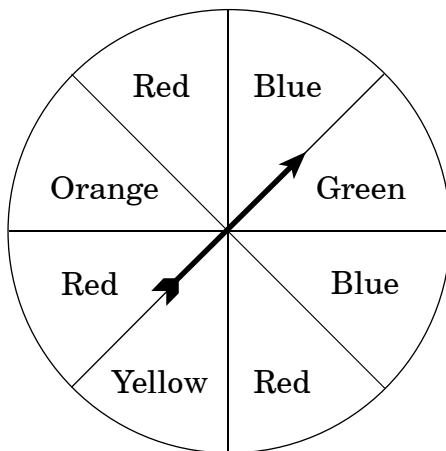


1. Tony's computer game has a three-digit secret code. The code has a 7, a 5, and a 3 in it. How many possible numbers could there be with these three digits?

A 1
B 4
C 6
D 9

2. What is the probability that the spinner will land on red?



A $\frac{2}{6}$
B $\frac{2}{8}$
C $\frac{3}{5}$
D $\frac{3}{8}$

3. Kyle has a pocket full of marbles. He has one black, two green, three red, and two yellow. He pulls out one marble. What is the likelihood that the marble will be black?

A 1 out of 1
B 1 out of 7
C 1 out of 8
D 7 out of 8

4. Maria wants to take some of her toys to her grandmother's house. Maria has a video game, a stuffed animal, and a doll. How many choices does she have if she can pick 2 different items to take to her grandmother's house?

A 2
B 3
C 6
D 9

End of Goal 4 Sample Items

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Answers to EOG Grade 3 Math Sample Items

Goal 4

1. **Objective 4.02**

Determine the number of permutations and combinations of up to three items.

Thinking Skill: Analyzing

Correct Answer: C

2. **Objective 4.03**

Solve probability problems using permutations and combinations.

Thinking Skill: Applying

Correct Answer: D

3. **Objective 4.03**

Solve probability problems using permutations and combinations.

Thinking Skill: Analyzing

Correct Answer: C

4. **Objective 4.02**

Determine the number of permutations and combinations of up to three items.

Thinking Skill: Applying

Correct Answer: B