Year 5 Class 27 questions

Q1

If today is Monday, what chance is it that tomorrow will be Friday?

- ○ unlikely (probably won't happen)
- ○ likely (probably will happen)
- ➡ ○ no chance
- ○ fifty-fifty

Q2

If today is Monday, what chance is it that tomorrow will be Wednesday?

- ○ unlikely (probably won't happen)
- ➡ ○ impossible
- ○ certain
- ○ even chance

Q3

A normal six sided dice is rolled. Find the probability that it lands on 5 or 6.
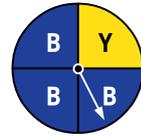
$\frac{1}{3}$

Q4

A normal six sided dice is rolled. Find the probability that it lands on an even number.
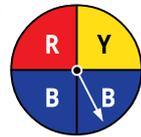
$\frac{1}{2}$

Q5

What is the chance the arrow on the spinner will land on green?

- ○ likely (probably will happen)
- ○ three chances in four
- ➡ ○ impossible
- ○ one chance in four

Q6

What is the chance the arrow on the spinner will land on blue?

- ○ likely
- ➡ ○ fifty-fifty
- ○ impossible
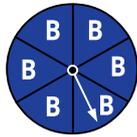- ○ three chances in four

Q7

What is the chance the arrow on the spinner will land on yellow?

- ○ likely
- ➡ ○ unlikely
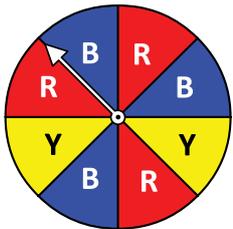- ○ impossible
- ○ fifty-fifty

Q8

What is the chance the arrow on the spinner will land on blue?

➡ ○ certain

○ unlikely

○ impossible

○ likely

Q9

The spinner is spun once.

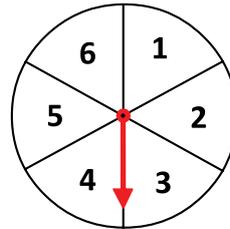Find the probability that the spinner lands on red.

$\boxed{} \over \boxed{}$ $\frac{3}{8}$

Find the probability that the spinner lands on red or blue.

$\boxed{} \over \boxed{}$ $\frac{3}{4}$

Find the probability that the spinner does not land on either red or blue.

$\boxed{} \over \boxed{}$ $\frac{1}{4}$

Q10

The spinner is spun once.

Find the probability that the spinner lands on an even number.

$\boxed{} \over \boxed{}$ $\frac{1}{2}$

Find the probability that the spinner lands on a number less than 4.

$\boxed{} \over \boxed{}$ $\frac{1}{2}$

Find the probability that the spinner lands on 5 or more.

$\boxed{} \over \boxed{}$ $\frac{1}{3}$

Q11
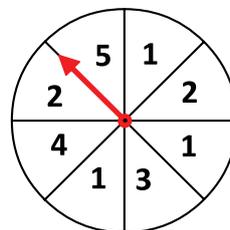
The spinner is spun once.

Find the probability that the spinner lands on an odd number.

$\boxed{} \over \boxed{}$ $\frac{5}{8}$

Find the probability that the spinner lands on 3 or less.

$\boxed{} \over \boxed{}$ $\frac{3}{4}$

Find the probability that the spinner lands on a number greater than 4.

$\boxed{} \over \boxed{}$ $\frac{1}{8}$

Q12

A card is picked at random from a standard deck of 52 cards. Find the probability that it is red.

☐
☐ $\frac{1}{2}$

Q13

When the arrow is spun, what is the chance that it lands on green?

○ even chance
➡ ○ two chances in three
○ one chance in three
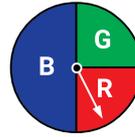○ unlikely (probably won't happen)

Q14

When the arrow is spun, what is the chance that it lands on blue?

○ even chance
○ two chances in three
➡ ○ two chances in five
○ likely (probably will happen)

Q15

When the arrow is spun, what is the chance that it lands on red?

○ likely (probably will happen)
○ one chance in three
➡ ○ one chance in four
○ even chance

Q16

A die is rolled. What is the chance of getting a 9?

➡ ○ no chance
○ one chance in six
○ two chances in three
○ likely (probably will happen)

Q17

A die is rolled. What is the chance of getting a 2?

○ even chance
○ three chances in four
○ likely (probably will happen)
➡ ○ unlikely (probably won't happen)

Q18

What is the chance the arrow on the spinner will land on yellow?

○ likely (probably will happen)
○ certain
○ three chances in four
➡ ○ one chance in four

Q19

What is the chance the arrow on the spinner will land on blue?

- ○ unlikely
- ○ certain
- → ○ three chances in four
- ○ one chance in four

Q20

What is the chance the arrow on the spinner will land on blue?

- ○ certain
- ○ impossible
- ○ two chances in three
- → ○ one chance in three

Q21

A pack of 52 playing cards has 4 suits: Clubs, Spades, Diamonds and Hearts. Julie draws one card from this pack. Find the probability that the card is:

a Heart. ▯ $\frac{1}{4}$

a red (Hearts or Diamonds). ▯ $\frac{1}{2}$

a black (Spades or Clubs). ▯ $\frac{1}{2}$

a black 6. ▯ $\frac{1}{26}$

an Ace. ▯ $\frac{1}{13}$

Q22

A bag contains 3 blue, 5 black, 6 red and 6 chrome hairclips. Gillian is going to do her hair. Find the probability that she chooses:

a blue hairclip. ▯ $\frac{3}{20}$
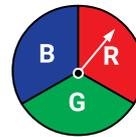
a black hairclip. ▯ $\frac{1}{4}$

a chrome hairclip. ▯ $\frac{3}{10}$

a hairclip that is either red or chrome. ▯ $\frac{3}{5}$

a hairclip that is not red. ▯ $\frac{7}{10}$

Q23

When the arrow is spun, what is the chance that it lands on yellow?

- → ○ no chance
- ○ one chance in three
- ○ likely (probably will happen)
- ○ unlikely (probably won't happen)

Q24

What is the chance that it will rain at least once in the next month?

- ○ even chance
- ○ impossible
- ○ one chance in three
- → ○ likely (probably will happen)

Q25

What is the chance the sun will rise in the east tomorrow?

- ○ even chance
- ➡ ○ certain
- ○ impossible
- ○ likely (probably will happen)

Q26

What is the chance the sun will rise in the west tomorrow?

- ○ even chance
- ○ certain
- ➡ ○ impossible
- ○ likely (probably will happen)

Q27

A die is rolled. What is the chance of getting an even number?

- ➡ ○ even chance
- ○ impossible
- ○ one chance in six
- ○ unlikely (probably won't happen)

Q28

A die is rolled. What is the chance of getting a number more than 3?

- ○ unlikely
- ○ certain
- ○ four chances in six
- ➡ ○ even chance

Q29

A die is rolled. What is the chance of getting a number more than 5?

- ➡ ○ one chance in six
- ○ certain
- ○ likely
- ○ even chance

Q30

A die is rolled. What is the chance of getting a number less than 3?

- ○ likely
- ○ one chance in six
- ➡ ○ two chances in six
- ○ even chance