

تم تحميل هذا الملف من موقع المناهج الإماراتية



\*للحصول على أوراق عمل لجميع الصفوف وجميع المواد اضغط هنا

<https://almanahj.com/ae>

\* للحصول على أوراق عمل لجميع مواد الصف السابع اضغط هنا

<https://almanahj.com/ae/7>

\* للحصول على جميع أوراق الصف السابع في مادة رياضيات ولجميع الفصول, اضغط هنا

<https://almanahj.com/ae/7math>

\* للحصول على أوراق عمل لجميع مواد الصف السابع في مادة رياضيات الخاصة بـ الفصل الثالث اضغط هنا

<https://almanahj.com/ae/7math3>

\* لتحميل كتب جميع المواد في جميع الفصول للـ الصف السابع اضغط هنا

<https://almanahj.com/ae/grade7>

للتحدث إلى بوت المناهج على تلغرام: اضغط هنا

[https://t.me/almanahj\\_bot](https://t.me/almanahj_bot)

## QUESTION 1

Noura tosses a coin and rolls a six-sided number cube.

The total number of outcomes of this compound event is  .

The probability that she obtains a result of tails and the number cube lands on an even number is  .

## QUESTION 2

Sheikha tosses a coin and rolls a six-sided number cube.

The probability that she obtains Heads and the number cube lands on 3 is  .

## QUESTION 3

Jamal tosses a coin and rolls a six-sided number cube.

The probability that he obtains a result of heads and the number cube lands on a number greater than 1 is  .

Dalia tosses a coin and rolls a six-sided number cube.  
What is the probability that she obtains a result of 6?

The probability that she obtains a result of 6 is  $\frac{1}{6}$  ✓

QUESTION 6

Saleh tosses a coin and rolls a six-sided number cube.

The probability that he obtains a result of a number less than 6 is  $\frac{5}{6}$  ✓

- $\frac{1}{6}$
- $\frac{5}{12}$
- $\frac{1}{12}$

QUESTION 6

Hazza tosses a coin and rolls a six-sided number cube.

The total number of favorable outcomes of this compound event is 6 ✓

The probability that he obtains a result of tails and the number cube lands on a number is 0.5 ✓

QUESTION 7



Mansoor is choosing 1 pizza, and 1 drink from the following choices;

Pizza - Pepperoni, Chicken, Spicy, Mushroom  
Drink - Milkshake, Juice, Cola

Use the possible outcomes in this sample space to find the probability of choosing a Pepperoni pizza with a drink.

$\frac{1}{2}$       $\frac{1}{3}$       $\frac{1}{7}$       $\frac{1}{4}$  ✓

QUESTION 8



Ali is choosing his lunch.  
He will choose 1 manakeesh, and 1 drink from the following choices;

Manakeesh - Cheese, Zaatar, Nutella  
Drink - Water, Juice, Milkshake

Use the possible outcomes in this sample space to find the probability of choosing Nutella manakeesh with a drink.

$\frac{1}{8}$       $\frac{1}{2}$       $\frac{1}{3}$  ✓      $\frac{1}{8}$

A coin is flipped, and a 3 sided spinner is spun.  
The spinner is numbered 1, 2 and 3.

Use all the possible outcomes in this sample space to find the probability of landing heads and getting a number.

$\frac{1}{4}$

$\frac{1}{6}$

$\frac{1}{3}$

$\frac{1}{2}$

## QUESTION 10



Eman is choosing her lunch.

She will choose 1 manakeesh and 1 drink from the following choices;

Manakeesh - Cheese, Zaatar  
Drink - Water, Juice, Milkshake, Cola

Use all the possible outcomes in this sample space to find the probability of choosing a manakeesh with a Cola.

$\frac{1}{5}$

$\frac{1}{3}$

$\frac{1}{4}$

$\frac{1}{2}$

**QUESTION 11**

Halima chooses 1 pizza and 1 drink from the following choices;

Pizza - Cheese or Spicy  
Drink - Milkshake, Juice or Cola

Use all the possible outcomes in this sample space to find the probability of choosing a pizza with a Milkshake.

- $\frac{1}{4}$         $\frac{1}{2}$         $\frac{1}{3}$         $\frac{1}{8}$

**QUESTION 12**

Saeed will choose 1 manakeesh and 1 drink from the following choices;

Manakeesh - Cheese  
Drink - Water, Juice

Use the possible outcomes in this sample space to find the probability of choosing a Cheese manakeesh with a drink.

- $\frac{1}{4}$         $\frac{1}{2}$        2       1

QUESTION 13

Najla will choose 1 manakeesh and 1 drink from the following choices;

Manakeesh - Zaatar  
Drink - Water, Juice, Cola

Use all the possible outcomes in this sample space to find the probability of choosing Zaatar with a drink.

- $\frac{1}{3}$        2       1       drink

QUESTION 14

Najla will choose 1 manakeesh and 1 drink from the following choices;

Manakeesh - Zaatar  
Drink - Water, Juice, Cola

Use all the possible outcomes in this sample space to find the probability of choosing a manakeesh with Water.

- $\frac{1}{3}$         $\frac{1}{2}$   
  $\frac{1}{4}$         $\frac{1}{6}$

QUESTION 16



Eman is choosing her lunch.  
She will choose 1 manakeesh and 1 drink from the following choices;

Manakeesh - Cheese, Zaatar  
Drink - Water, Juice, Milkshake, Cola

Use all the possible outcomes in this sample space to find, the probability of choosing a Zaatar manakeesh with a drink.

- $\frac{1}{3}$
- $\frac{1}{2}$
- $\frac{1}{8}$
- $\frac{1}{4}$



Eman chooses 1 pizza and 1 drink from the following choices;

Pizza - Cheese or Spicy  
Drink - Milkshake or Cola

Use all the possible outcomes in this sample space to find the probability of choosing a Cheese pizza with a drink.

- $\frac{1}{5}$
- $\frac{1}{2}$  ✓
- $\frac{1}{3}$
- $\frac{1}{4}$

**QUESTION 17**

17

Saeed chooses 1 manakeesh, and 1 drink from the following choices;

Manakeesh - Cheese  
Drink - Water, Juice

Find all the possible outcomes in this sample space. What is the probability of choosing a Cheese manakeesh with a Juice?

- $\frac{1}{4}$
- $\frac{1}{3}$
- $\frac{1}{2}$  ✓
- $\frac{1}{5}$

Halima chooses 1 pizza and 1 drink from the following choices;

Pizza - Cheese or Spicy  
Drink - Milkshake, Juice or Cola

Find all the possible outcomes in this sample space. What is the probability of Halima choosing a Spicy pizza with a Cola?

- $\frac{1}{5}$
- $\frac{1}{6}$  ✓
- $\frac{1}{4}$
- $\frac{1}{3}$

**QUESTION 19**

19

Eman chooses 1 pizza and 1 drink from the following choices;

Pizza - Cheese or Spicy  
Drink - Milkshake or Cola

Use a list, to write down all the possible outcomes in this sample space.  
What is the total number of outcomes in the sample space?

- 4 ✓
- 2
- 5
- 3

**QUESTION 20**

A coin is flipped, and a 3 sided spinner is rolled.  
The spinner is numbered 1, 2 and 3.

Use a list, to write down all the possible outcomes in this sample space.

What is the total number of outcomes in the sample space?

 5 4 3 6 ✓**QUESTION 21**

Tahir and Mustafa are sitting together in a row.

Use a list, to find the sample space for the different ways they can sit in a row.

What is the total number of outcomes in the sample space?

 4 1 3 2 ✓

Amina tosses a coin and spins the spinner shown below.

The probability that she obtains Heads and the spinner lands on 5 is  ✓



- $\frac{1}{7}$      $\frac{1}{5}$      $\frac{1}{2}$

**QUESTION 23**

Abdullah tosses a coin and spins the spinner shown below.

The probability that he obtains Tails and the spinner lands on 1 is  ✓



**QUESTION 24**

Umar orders a meal at a restaurant. He has the following choices:

Main - Fish or Chicken  
Sides - Mash or Salad  
Dessert - Ice-cream or Baklava

The probability of Umar choosing Fish, Mash and Baklava is  .

**QUESTION 25**

Abdulrahman orders a meal at a restaurant. He has the following choices:

Main - Fish or Chicken  
Sides - Mash or Salad  
Dessert - Ice-cream or Baklava

The total number of outcomes in the sample space is  .

**QUESTION 26**

1

Tahir and Mustafa are sitting together in a row.

Find all the possible ways they can sit together in a row.

What is the probability that Mustafa and Tahir will sit in this particular order?

$\frac{1}{3}$

$\frac{1}{2}$

$\frac{1}{6}$

$\frac{1}{4}$

**QUESTION 27**

1

Fatma, Halima, and Rasha are sitting together in a row.

Find all the possible ways they can sit together in a row.

What is the probability that Halima, Fatma, and Rasha will sit in this particular order?

$\frac{5}{6}$

$\frac{7}{10}$

$\frac{1}{10}$

$\frac{1}{6}$

QUESTION 28

Eman chooses 1 manakeesh and 1 drink from the following choices;

Manakeesh - Cheese, Zaatar  
Drink - Water, Juice, Milkshake, Cola

Find all the possible outcomes in this sample space.

What is the probability that Eman chooses a Zaatar Manakeesh and a Milkshake?

- $\frac{1}{6}$         $\frac{1}{7}$         $\frac{1}{5}$         $\frac{1}{8}$  ✓

QUESTION 29

Najla chooses 1 manakeesh, and 1 drink from the following choices;

Manakeesh - Zaatar  
Drink - Water, Juice, Cola

Find all the possible outcomes in this sample space. What is the probability of Najla choosing Zaatar with Water?

- $\frac{1}{3}$  ✓        $\frac{1}{4}$         $\frac{1}{2}$         $\frac{1}{5}$

**QUESTION 30**

A spinner with 3 equal sections is spun and a coin is flipped. The three sections of the spinner are numbered 1, 2 and 3.

Find all the possible outcomes in this sample space. What is the probability of flipping Heads and getting a 2?

  $\frac{1}{6}$  ✓  $\frac{1}{4}$   $\frac{1}{3}$   $\frac{1}{8}$ **QUESTION 31**

Mahmood and Sulman are sitting together in a row.

Find all the possible ways they can sit together.

What is the probability that Sulman and Mahmood will sit in this particular order?

  $\frac{1}{3}$   $\frac{1}{6}$   $\frac{1}{4}$   $\frac{1}{2}$  ✓



**QUESTION 32**

Amna, Bushra, and Sara are sitting together in a row.

Find all the possible ways they can sit together.

What is the probability that Sara, Bushra, and Amna will sit in this particular order?

$\frac{1}{7}$

$\frac{5}{6}$

$\frac{2}{7}$

$\frac{1}{6}$

**QUESTION 33**

Mansoor chooses 1 pizza, and 1 drink from the following choices;

Pizza - Pepperoni, Chicken, Spicy, Mushroom  
Drink - Milkshake, Juice, Cola

Find all the possible outcomes in this sample space. What is the probability that Mansoor chooses a Mushroom Pizza with Juice?

$\frac{5}{12}$

$\frac{11}{12}$

$\frac{7}{12}$

$\frac{1}{12}$

**QUESTION 34**

QUESTION 34



Ali chooses 1 manakeesh and 1 drink from the following choices;

Manakeesh - Cheese, Zaatar, Nutella  
Drink - Water, Juice, Milkshake

Find all the possible outcomes in this sample space. What is the probability of choosing Nutella Manakeesh and a Milkshake?

- $\frac{7}{9}$       $\frac{1}{9}$       $\frac{8}{9}$       $\frac{2}{9}$

QUESTION 35



Maha chooses 1 manakeesh, and 1 drink from the following choices;

Manakeesh - Zaatar, Cheese  
Drink - Water, Juice, Cola

Find all the possible outcomes in this sample space. What is the probability of Maha choosing Zaatar manakeesh and Juice?

- $\frac{1}{6}$       $\frac{1}{4}$       $\frac{1}{2}$       $\frac{5}{6}$

QUESTION 36



A spinner with 3 equal sections is spun and a coin is flipped. The three sections of the spinner are colored Red, Blue, and Green.

Find all the possible outcomes in this sample space. What is the probability of flipping Heads and getting Blue on the spinner?

$\frac{1}{6}$  ✓

$\frac{1}{10}$

$\frac{3}{10}$

$\frac{1}{5}$

QUESTION 37



A coin is flipped, and a 6 sided dice is rolled.

Find all the possible outcomes in this sample space. What is the probability of flipping Tails and rolling a 4?

$\frac{2}{5}$

$\frac{1}{12}$  ✓

$\frac{1}{5}$

$\frac{11}{12}$

QUESTION 38

Eman chooses 1 pizza and 1 drink from the following choices;

Pizza - Cheese or Spicy  
Drink - Milkshake or Cola

Find all the possible outcomes in this sample space. What is the probability of choosing a Cheese pizza with a Cola?

$\frac{3}{4}$

$\frac{1}{4}$  ✓

$\frac{2}{5}$

$\frac{1}{5}$

QUESTION 39

Fatma, Halima, and Rasha are sitting together in a row.

Use a list, to find the sample space for the different ways they can sit in a row.

What is the total number of outcomes in the sample space?

6 ✓

10

4

8

QUESTION 3

A coin is flipped, and a 6 sided dice is rolled.  
Use a list, to write down all the possible outcomes in this sample space.

What is the total number of outcomes in the sample space?

- 14
- 12
- 18
- 16

QUESTION 4

A 3 sided spinner is spun and a coin is flipped. The spinner has colors Red, Blue, and Green.

Use a list, to write down all the possible outcomes in this sample space.

What is the total number of outcomes in the sample space?

- 6
- 8
- 2
- 4

QUESTION 42



Maha chooses 1 manakeesh and 1 drink from the following choices;

Manakeesh - Zaatar, Cheese,  
Drink - Water, Juice, Cola

Use a list, to write down all the possible outcomes in this sample space.

What is the total number of outcomes in the sample space?

- 10     8     6     4

QUESTION 43



Ali chooses 1 manakeesh and 1 drink from the following choices;

Manakeesh - Cheese, Zaatar, Nutella  
Drink - Water, Juice, Milkshake

Use a list, to write down all the possible outcomes in this sample space.

What is the total number of outcomes in the sample space?

- |                                    |                          |
|------------------------------------|--------------------------|
| <input type="radio"/> 12           | <input type="radio"/> 8  |
| <input checked="" type="radio"/> 9 | <input type="radio"/> 11 |



Najla chooses 1 manakeesh and 1 drink from the following choices;

Manakeesh - Zaatar  
Drink - Water, Juice, Cola

Use a list, to write down all the possible outcomes in this sample space.

What is the total number of outcomes in the sample space?

2     4     3     1

**QUESTION 46**

Aisha chooses 1 manakeesh and 1 drink from the following choices;

Manakeesh - Cheese, Zaatar  
Drink - Water, Juice, Milkshake, Cola

Use a list, to write down all the possible outcomes in this sample space.

What is the total number of outcomes in the sample space?

8     6     9     7



**QUESTION 46**

Halima chooses 1 pizza and 1 drink from the following choices;

Pizza - Cheese or Spicy  
Drink - Milkshake, Juice or Cola

Use a list, to write down all the possible outcomes in this sample space.  
What is the total number of outcomes in the sample space?

- 4       7       5       6 ✓

**QUESTION 47**

Mansoor chooses 1 pizza, and 1 drink from the following choices;

Pizza - Pepperoni, Chicken, Spicy, Mushroom  
Drink - Milkshake, Juice, Cola

Use a list, to write down all the possible outcomes in this sample space.  
What is the total number of outcomes in the sample space?

- 13       11       10       12 ✓

QUESTION 48

Saeed chooses 1 manakeesh and 1 drink from the following choices;

Manakeesh - Cheese  
Drink - Water, Juice

Use a list, to write down all the possible outcomes in this sample space.

What is the total number of outcomes in the sample space?

- 4     1     2     3

QUESTION 49

Mahmood and Sulman are sitting together in a row.

Use a list, to find the sample space for the different ways they can sit in a row.

What is the total number of outcomes in the sample space?

- 3     1     4     2

◀ Back

Probability of Compound Events

0/25  
Completed

4

1

2

3

QUESTION 49



Mahmood and Sulman are sitting together in a row.  
Use a list, to find the sample space for the different ways they can sit in a row.

What is the total number of outcomes in the sample space?

3

1

4

2

QUESTION 50



Amna, Bushra, and Sara are sitting together in a row.  
Use a list, to find the sample space for the different ways they can sit in a row.

What is the total number of outcomes in the sample space?

5

4

3

6