

4.1 Present tense of *ir* **Importance**

The verb *ir* (to go) is irregular in the present tense. Note that, except for the *yo* form (*voy*) and the lack of a written accent on the *nosotros* form (*vamos*), the endings are the same as those for regular present tense *-ar* verbs.

The verb *ir* (to go)

Irregular forms	Regular forms
<i>yo voy</i>	<i>yo termino</i>
<i>tú vas</i>	<i>tú terminas</i>
<i>él/ella/usted va</i>	<i>él/ella/usted termina</i>

- *Ir* is often used with the preposition *a* (to). If *a* is followed by the definite article *el*, they combine to form the contraction *al*. If *a* is followed by the other definite articles (*la, los, las*), there is no contraction.

Examples

Voy al parque con Juan.
I'm going to the park with Juan.

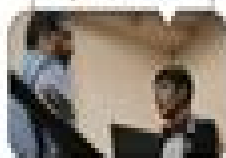
Mis amigos van a los museos.
My friends are going to the museums.

- The construction *ir a* + (infinitive) is used to talk about actions that are going to happen in the future. It is equivalent to the English *to be going to* + (infinitive).

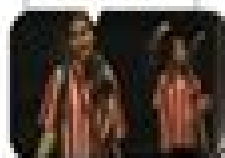
Va a leer el periódico.
He is going to read the newspaper.

Van a pasear por el pueblo.
They are going to walk around town.

*Voy a hacer a tres días
a el partido de fútbol.*



*¿Vamos a ir al partido
en un restaurante?*



- *Vamos a* + (infinitive) can also express the idea of let's do something).

Vamos a comer.
Let's take a walk.

¿Vamos a comer?
Let's eat?

- **Práctica** Provide the present tense forms of *ir*.

- | | | |
|-------------------|------------------------|--------------------|
| 1. Ellos _____ | 2. Mi prima y yo _____ | 3. Usted _____ |
| 4. Yo _____ | 4. Adela _____ | 10. Ellos _____ |
| 5. Tu primo _____ | 7. Ustedes _____ | 11. Miguel _____ |
| 6. Tú _____ | 8. Nosotros _____ | 12. Nosotros _____ |

Práctica

1. **¿Adónde van?** Tell what the people are going.



Los amigos / al parque Los amigos van al parque.

1. la señora Cecilia / al centro
2. los hermanos Gómez / la plaza
3. yo / al Museo de Arte Moderno
4. la tía y su papá / el partido de fútbol
5. nosotros / al restaurante Mía

2. **¿Van a hacer?** Say *a* + (infinitive) to say that these people are also going to do the same activities tomorrow.



Ellos nadan en la piscina. Van a nadar en la piscina mañana también.

1. hace los una revista.
2. los graciosa deportes.
3. Francisco con nosotros amigos.
4. él comes el sol.
5. Claudia van de excursión.

3. **Preguntas** With a partner, take turns asking and answering questions about where the people are going and what they are going to do there.



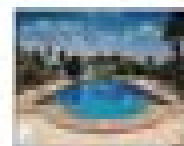
Ejercicio 1 ¿Adónde va Esteban?

Ejercicio 2 Va a la playa.

Ejercicio 3 Va a comprar un libro.



Esteban



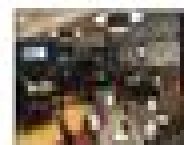
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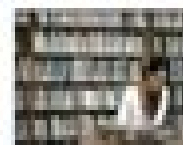
2. los amigos



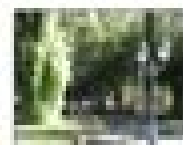
3. los estudiantes



4. él



5. la profesora Teresa



6. Adela y Miguel

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F Rizvi



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6 which of the following distinguishes prophase 1 of meiosis from prophase of mitosis homologous chromosomes pair up
spindle forms nuclear membrane breaks down chromosomes become visible 7

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web in many ways meiosis is a lot like mitosis the cell goes through similar stages and uses similar strategies to organize and
separate chromosomes in meiosis however the cell has a more complex task it still needs to separate sister chromatids the
two halves of a duplicated chromosome as in mitosis

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life cycle is spent in which phase cytokinesis metaphase interphase prophase multiple choice 30 seconds 12 pts growth
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problem a merry go round has an initial angular velocity of 10.2 rpm at the end of the ride the brakes are applied giving it a constant angular deceleration of 0.032 rad/s^2 as the ride slows to a stop

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rotational kinematics in the section on uniform circular motion we discussed motion in a circle at constant speed and therefore constant angular velocity however there are times when angular velocity is not constant rotational motion can speed up

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evaluate problem solving strategies for rotational kinematics just by using our intuition we can begin to see how rotational quantities like θ , ω and α are related to one another for example if a motorcycle wheel has a large angular acceleration for a fairly long time it ends up spinning rapidly and rotates through many revolutions

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may 21 2023 directions of rotational kinematics vectors rigid body rotation whenever we talk about rotation there is something that is generally implied we are not talking about a point mass or a collection of independently moving point masses

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these are only true if the angular acceleration is constant but if it is constant these are a convenient way to relate all these rotational motion variables and you can solve a ton of problems using these rotational kinematic formulas

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problem a fan initially rotates clockwise at 9.0 rad/s but has a counterclockwise angular acceleration of 3.0 rad/s^2 and reaches a counterclockwise angular speed of 27 rad/s how much time did this change in the angular velocity take