

Science 9
Unit A: Biological Diversity
Lesson 12
Practice Worksheet 8: Mitosis and Meiosis

Complete the following questions.

Question 1

Corn has ten chromosome pairs.

- a) What is the total number of chromosomes in corn?
 - b) What is the number of chromosomes in corn pollen and ovules?
 - c) What is the number of chromosomes in corn embryos, in corn seeds?
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Question 2

The horsefly has twelve chromosomes.

- a) What is the number of chromosomes that a male horsefly gives to his offspring?
- b) What is the number of chromosomes that a female horsefly gives to her offspring?

Question 3

Complete the chart.

	Number of Chromosomes		
Organism	In body (somatic) cells	In gametes (reproductive) cells	In zygote and embryo cells
bullfrog			
mouse			
pigeon			
rabbit			

Congratulations! You have completed this practice worksheet.

Now it's time to carefully compare your answers to the suggested answers in the online course. When comparing, you should feel free to make changes to your answers or make extra notes.

Keep this practice worksheet for study purposes. Using practice worksheets as a study tool to review for exams is a great idea.

If you unsure about any of the questions or answers, or you just want more feedback, share this practice worksheet with your teacher and ask for assistance. You can do that by emailing the teacher, or by submitting it in the Course Questions Forum in the online course. If you are using this practice worksheet in Google Drive, don't forget to change the sharing settings so that anyone can view it before sending the link to your teacher.
