

Name: _____

Date: _____

◆ Concave and Convex Lenses Homework

■ ■ ■ Task 1

Directions: Describe the two major types of lenses.

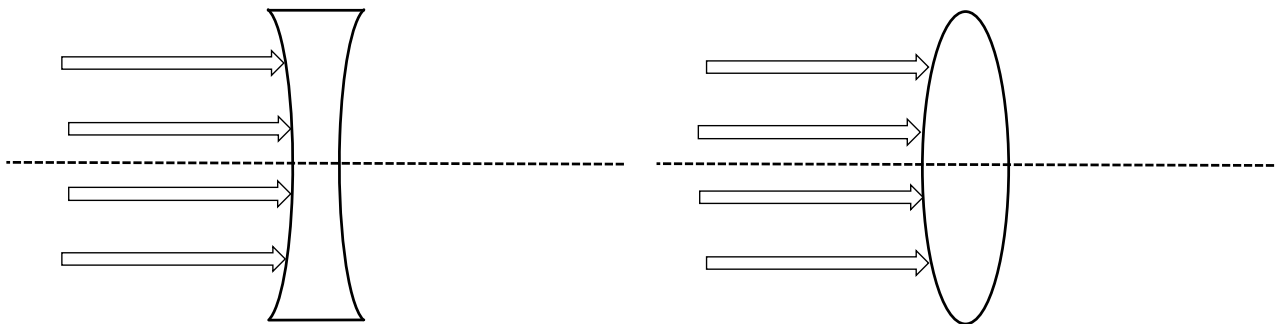
Wave	Description
Concave lens	
Convex lens	

■ ■ ■ Task 2

Compare and contrast the way concave and convex lenses are used to change the way we visualize things.

■ ■ ■ Task 3

Below is a concave and convex lens. First, label the lenses as concave or convex. Draw arrows to represent how the lenses change the direction of light waves.



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■ Analog vs. Digital Signals Homework

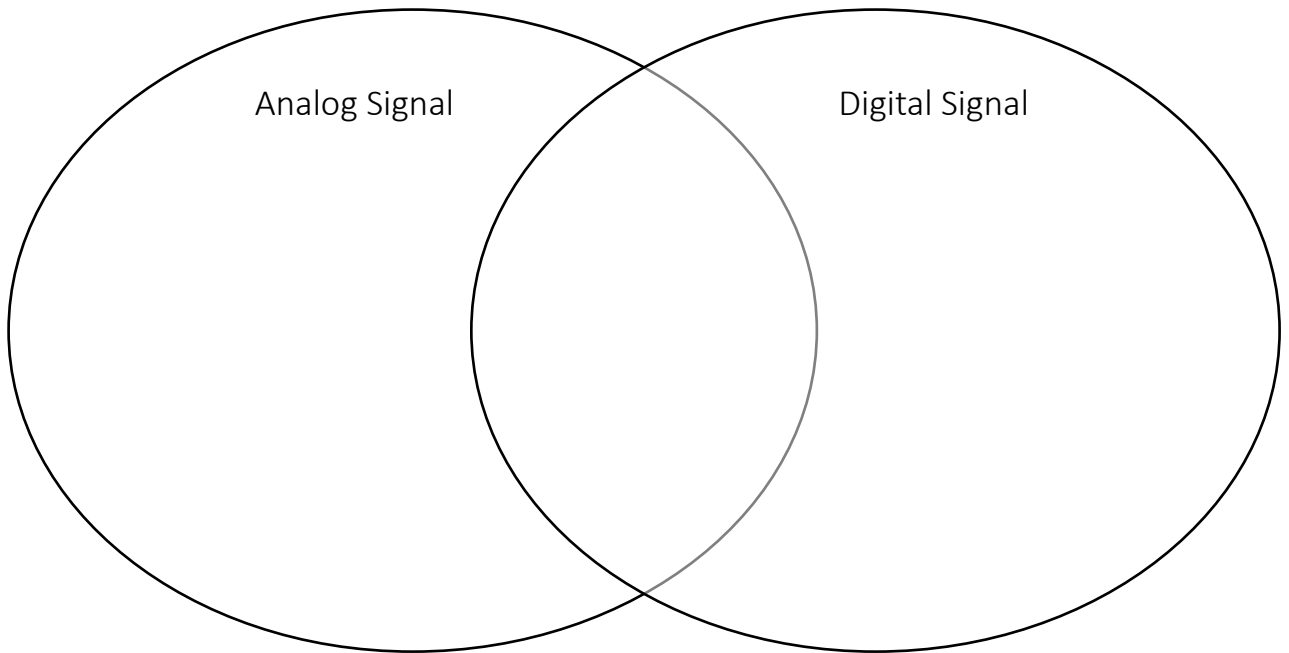
■ Task 1

Directions: Describe the two types of wave signals.

	Description
Analog signal	
Digital signal	

■ Task 2

Directions: Use the Venn diagram to compare and contrast analog and digital signals.



■ Task 3

Are digital or analog signals more reliable in coding, transmitted and storing information?
Defend your answer.
