Name: \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_

Corrective Lenses for common refractive problems Date: \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_

Draw a diagram of an eye displaying the effects of myopia:

What is the common name for myopia? \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_

Draw a diagram displaying both the lens used to correct myopia and the eye with the corrected vision. (Label the lens and state what type of lens it is)

Describe the lens shape that causes myopia and what happens when light passes through the lens.

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Explain how the lens helps, (what does it do?)

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Draw a diagram of an eye displaying the effects of hyperopia:

What is the common name for hyperopia? \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_

Draw a diagram displaying both the lens used to correct hyperopia and the eye with the corrected vision. (Label the lens and state what type of lens it is)

Describe the lens shape that causes hyperopia and what happens when light passes through the lens.

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