

Learning Film Photography

1

How to use a film camera

2

How to develop film

Begin

Photography by Hans Isaacson

Glacier National Park

Montana, Colorado

Film: Kodak Portra 400



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Introduction

Text explaining why film photography is a worthwhile pursuit, differences to traditional, preamble, etc.

Lorem Ipsum is simply dummy text of the printing and typesetting industry. Lorem Ipsum has been the industry's standard dummy text ever since the 1500s, when an unknown printer took a galley of type and scrambled it to make a type specimen book. It has survived not only five centuries, but also the leap into electronic typesetting, remaining essentially unchanged. It was popularised in the 1960s with the release of Letraset sheets containing Lorem Ipsum passages, and more recently with desktop publishing software like Aldus PageMaker including versions of Lorem Ipsum.

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Choosing a camera

Textual instructions.

My selection:

<i>Manufacturer</i>	▼	<i>Model</i>	▼
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Not seeing your camera? Leave the above fields blank to continue with default options.

Choosing film

Textual instructions.

My selection:

<i>Manufacturer</i>		<i>Model</i>	
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Not seeing your film? You can manually enter your film attributes below.

ISO	Color	Format
100 	Black & White 	35mm 

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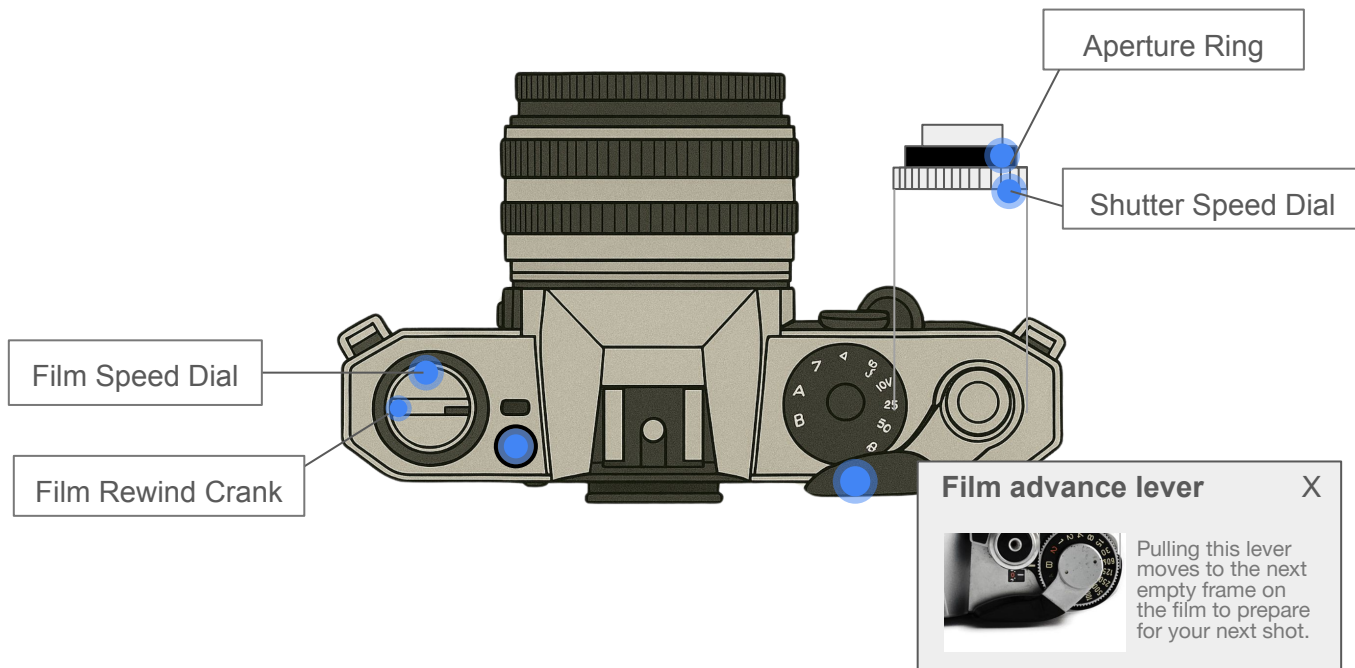
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How to develop film

VERSION A

Camera controls

Click on a control to learn more about what it does



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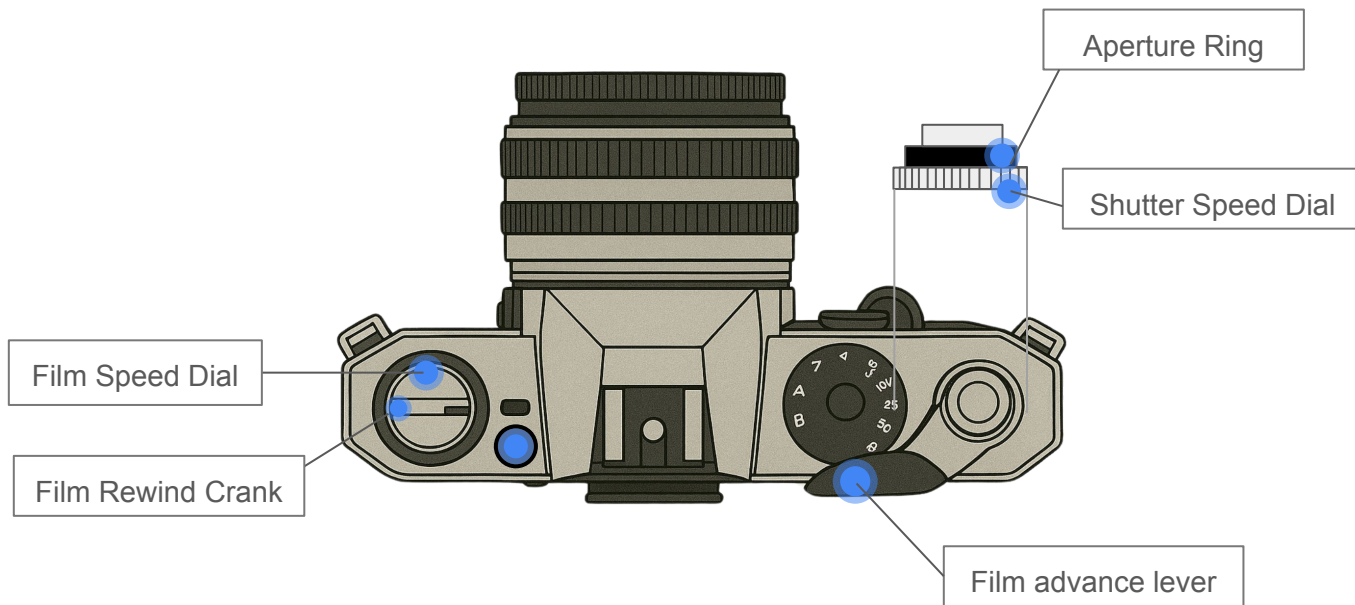
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VERSION A

Camera controls

Click on a control to learn more about what it does



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VERSION B

Camera controls

Click on a blue dot to learn more about what it does



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VERSION B

Camera controls

Click on a blue dot to learn more about what it does



Film advance lever

X



Pulling this lever moves to the next empty frame on the film to prepare for your next shot.

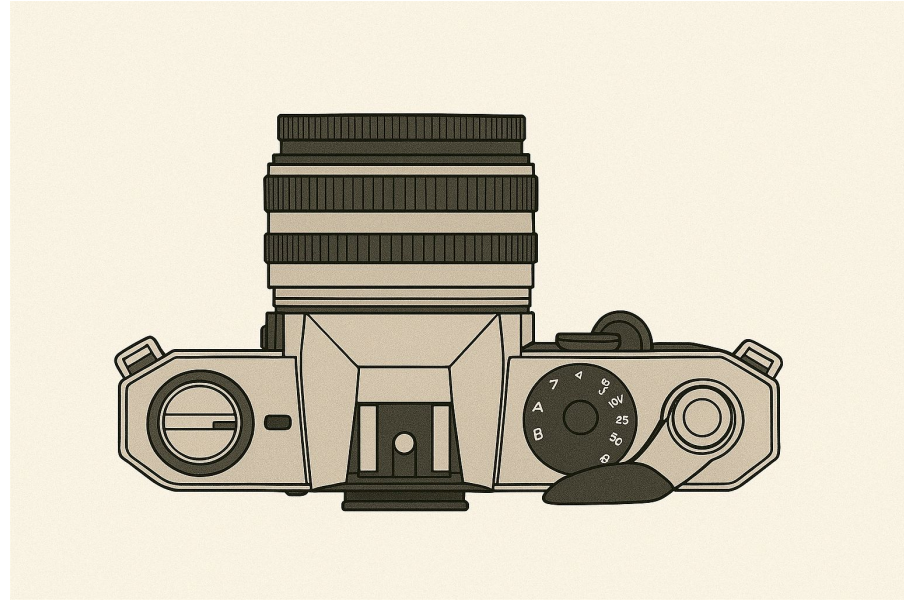


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Potential alternative graphic for camera



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Composing your shot

Textual instructions.

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Quiz

Question 1/4

Drag and resize this image to best fit the rule of thirds.



Need a hint?

Show me the answer

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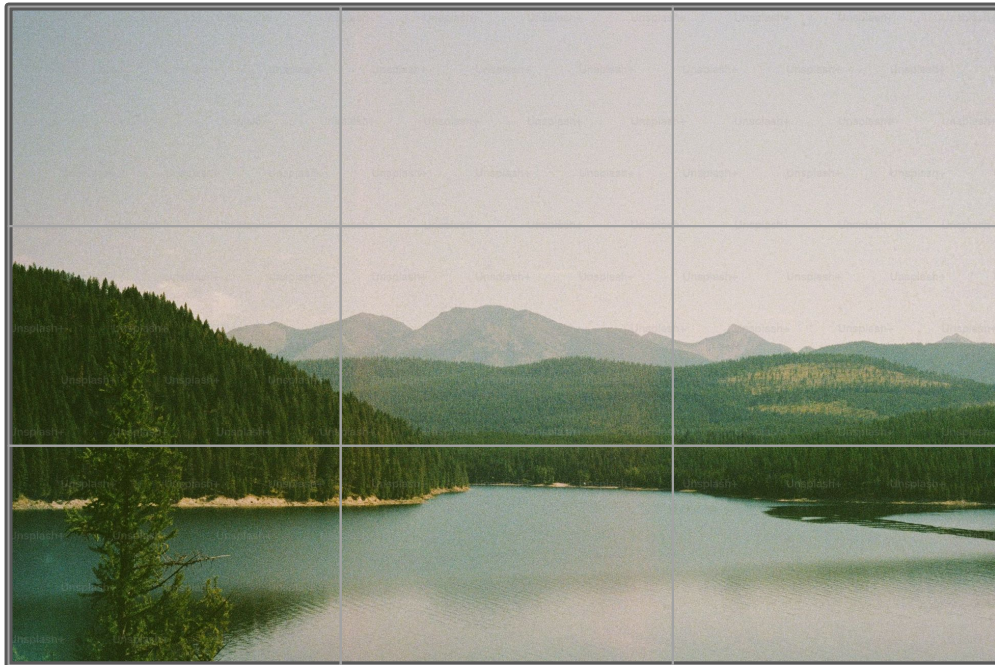
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Quiz

Question 1/4

Drag and resize this image to best fit the rule of thirds.



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Show me the answer



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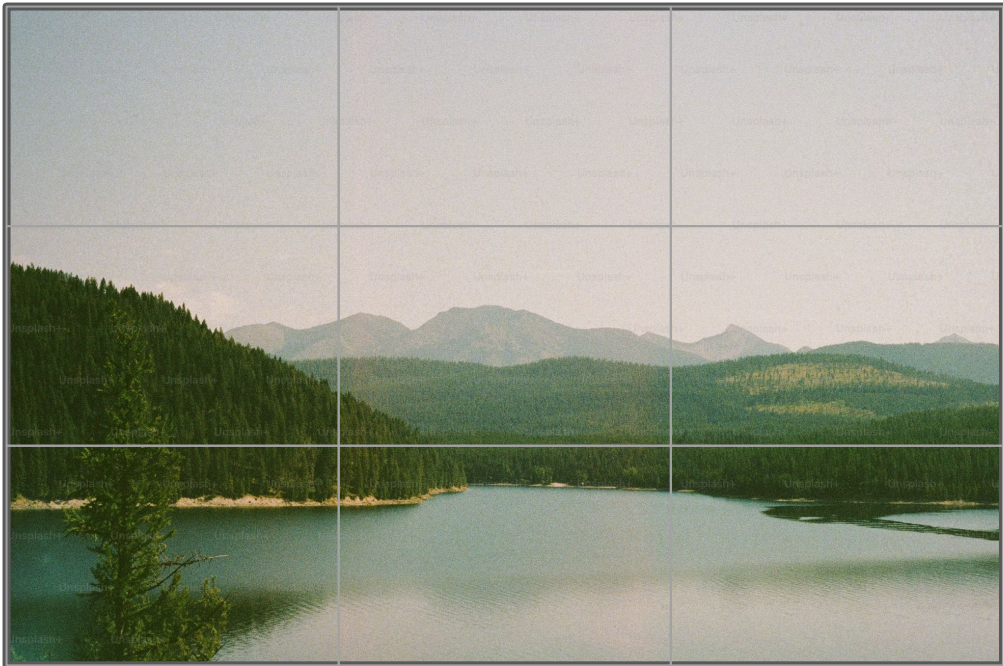
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Quiz

Question 1/4

Drag and resize this image to best fit the rule of thirds.



Correct!

The natural “lines” in the photo are placed along gridlines. For example, the boundary between lake and land.

Major sections are also placed largely within a column or row. For example, the tree and mountain in the left column.



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Next question



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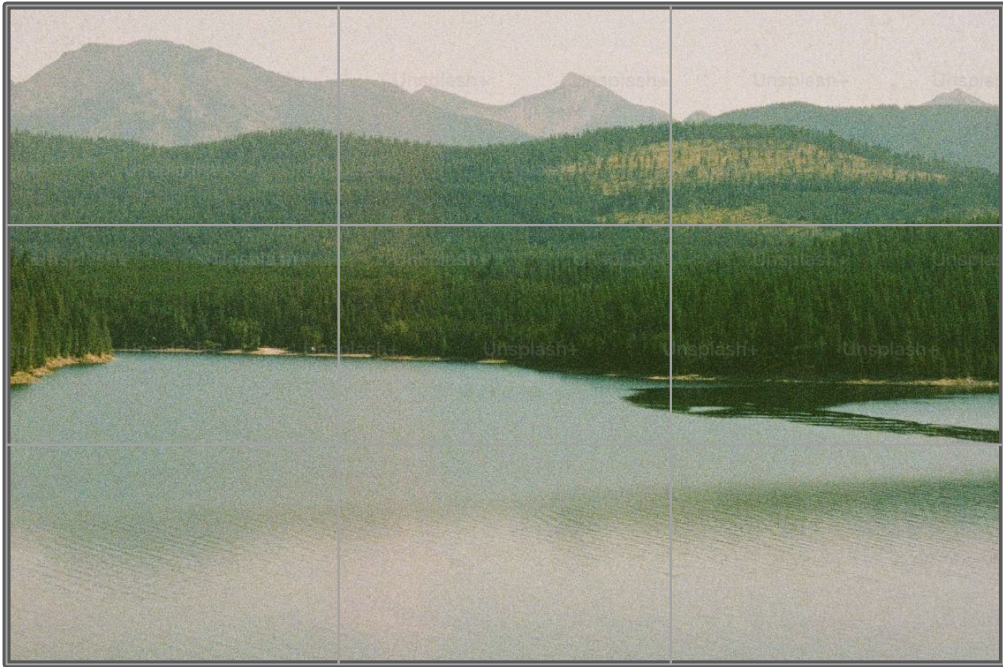
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How to develop film

Quiz

Question 1/4

Drag and resize this image to best fit the rule of thirds.



Not quite...

The natural “lines” in the photo are placed along gridlines. For example, the boundary between lake and land.

Major sections are also placed largely within a column or row. For example, the tree and mountain in the left column.



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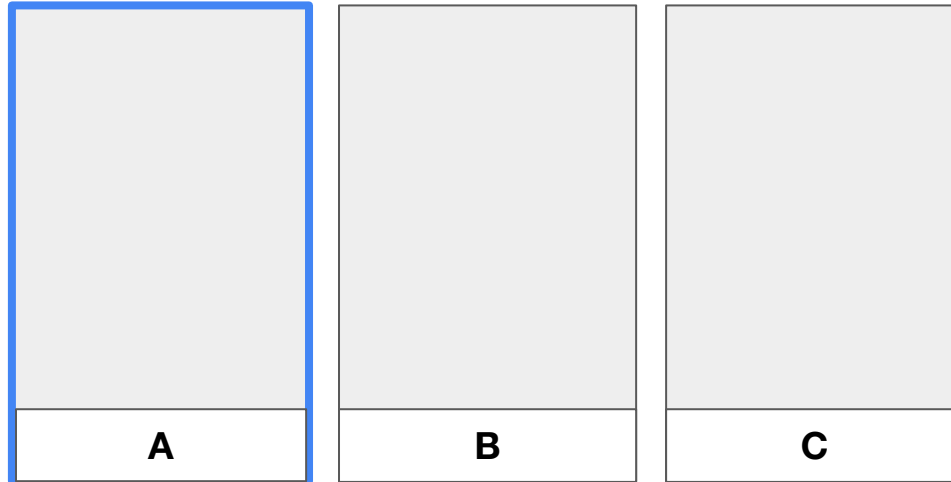


Try again

Quiz

Question 2/4

Which of the following arrangements best demonstrates the rule of thirds?



Need a hint?

Show me the answer

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Question 3/4

What is the main problem with this photo?



A Overexposed

B Out of focus

C Motion blur

Need a hint?

Show me the answer



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Question 3/4

What is the main problem with this photo?



A Overexposed

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What is the main problem with this photo?



A Overexposed

B Out of focus

C Motion blur

Correct!

A film photo may be overexposed if the highlights are blown out with no detail, the overall image looks too bright, shadows appear faded or gray, and contrast is low. Colors may seem washed out or unnatural and the image can feel hazy or flat.

Need a hint?

Show me the answer

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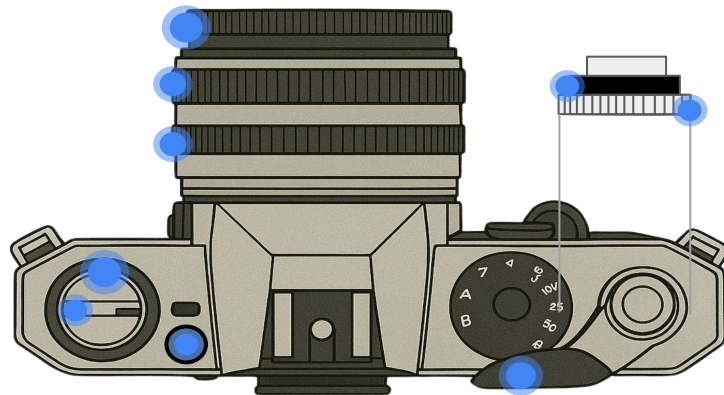
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Quiz

Question 4/4

Now that you've identified the issue, adjust the controls to take a better photo.



Need a hint?

Show me the answer



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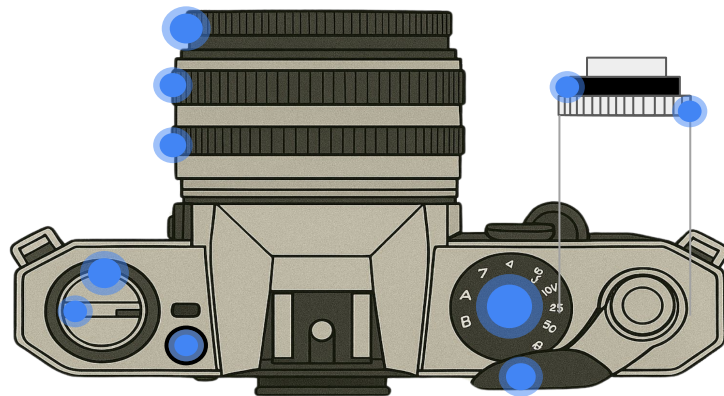
Quiz

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Quiz

Now that you've identified the issue, select the control you would adjust to fix the photo.



Need a hint?

Show me the answer

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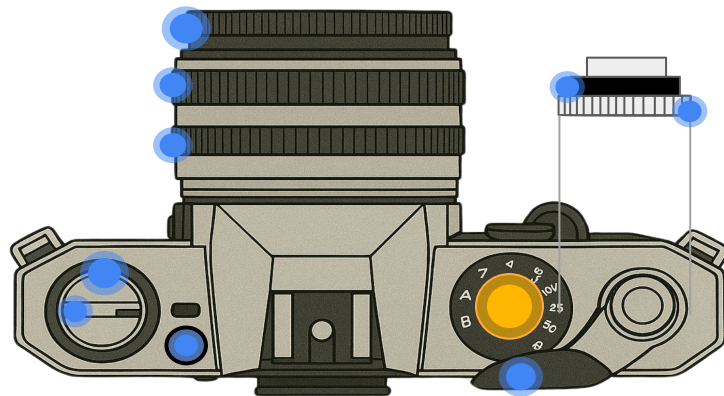
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Question 4/4

Now that you've identified the issue, adjust the controls to take a better photo.



Need a hint?

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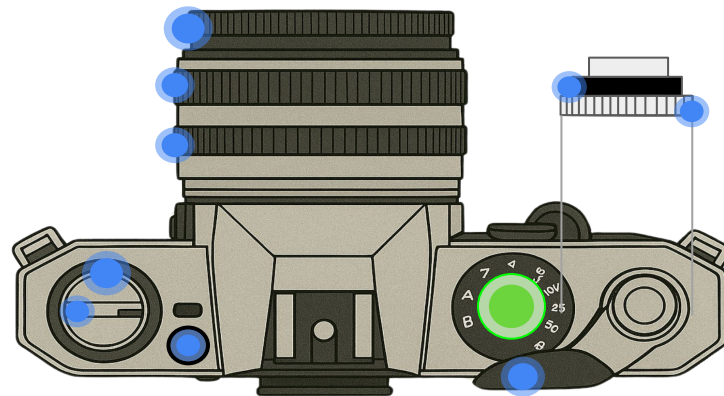
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Quiz

Question 4/4

Now that you've identified the issue, adjust the controls to take a better photo.



Correct!

You can adjust the shutter speed to control how much light is allowed into the camera and onto the film. A faster shutter speed will reduce the exposure of your image.



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How to develop film

Load the film

Development

Wash (Stopping)

Fixing

Wash and Dry

Quiz

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How to use film camera

Developing the film at home

Use an example setup:

Ilford HP5, ISO 100, Rodinal



Or customize your settings.

ISO

100



Film type

Ilford HP5



Developer

Rodinal



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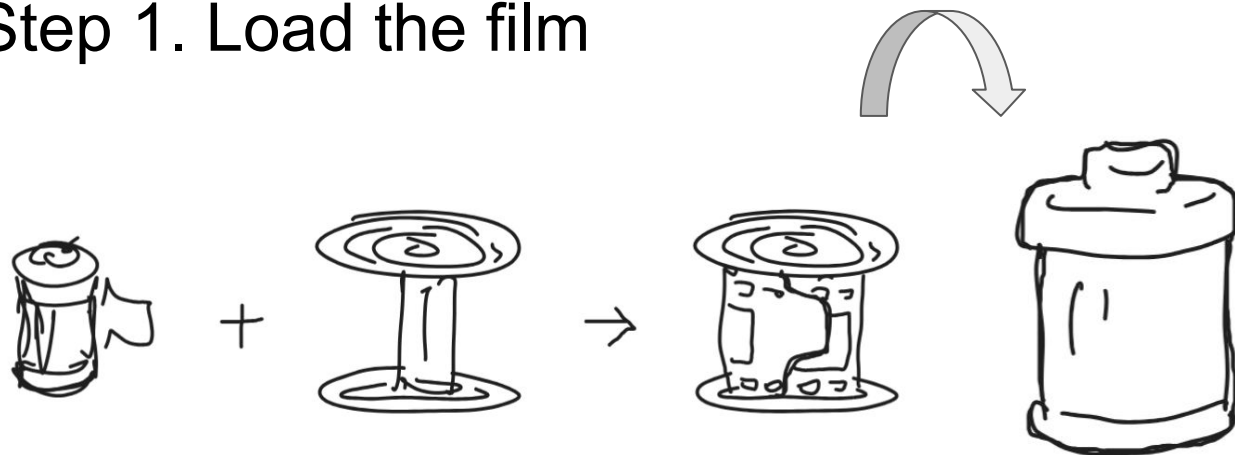
Wash and Dry

Quiz

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How to use film camera

Step 1. Load the film



Load the film onto the reel, then put them into the tank.



Caution!

This should be done in a changing bag.



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Step 2. Development

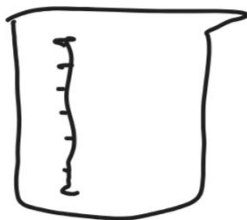
Rodinal



1

:

Water



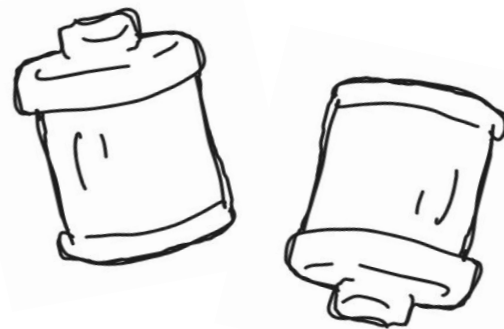
50

The developer you've chosen is rodinal. Dilute the developer by a factor of 50.

Then pour it into the tank.

For your setup, the developing time should be 9 minutes.

During the process, agitate for 10 seconds every minute.



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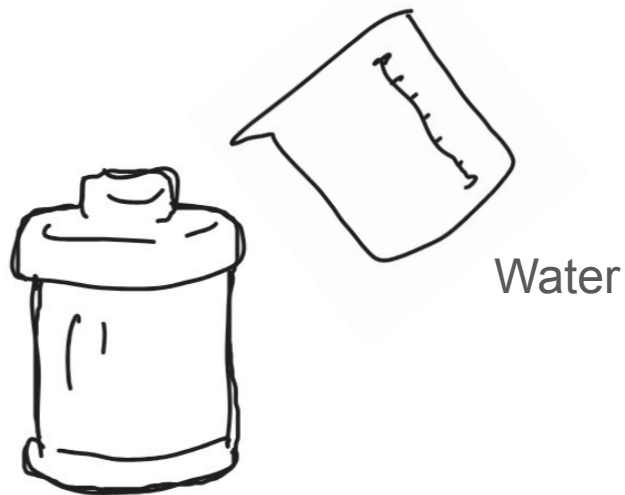
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Step 3. Wash (Stopping)



Dump out the developer, and fill your tank with more of the water to rinse off excess developer.



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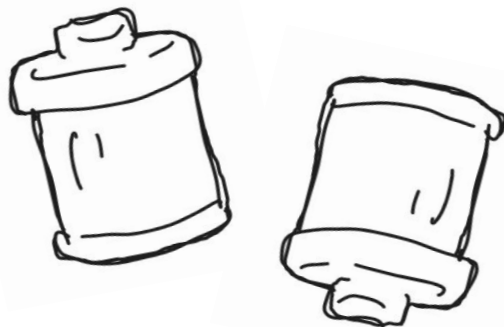
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Step 4. Fixing



Dump out the water and then add fixer to your tank.



Wait several minutes to fix the images.

Agitate for the first minute, and then every minute thereafter agitate it for 10 seconds.

Load the film

Development

Wash (Stopping)

Fixing

Wash and Dry

Quiz

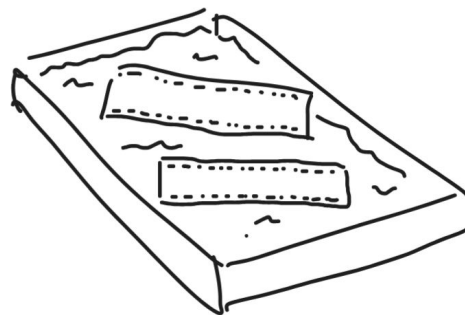
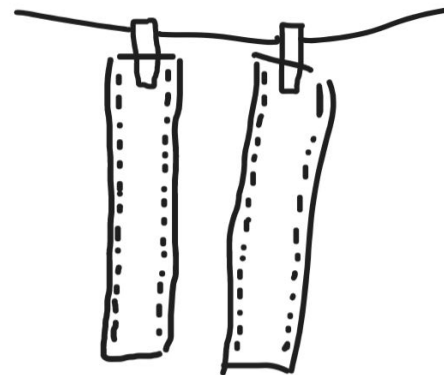
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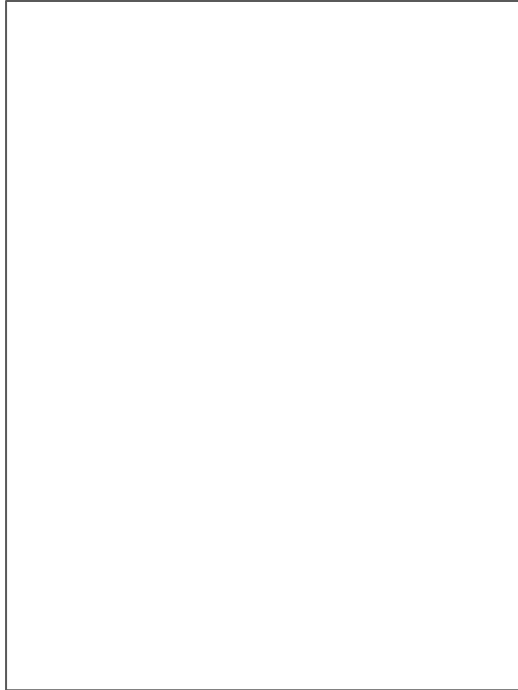
Step 5. Wash and dry

Now you can take off the film from the reel. Cut it into slices and wash them thoroughly.

Hang up the slices until completely dry.



Quiz 1. Sort the steps



Wash (Stopping)

Load the film

Development

Fixing

Wash and dry

Drag the steps into the box on the left.

Submit



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Quiz 2. The film can see light after

- A. You take it out from the camera.
- B. You load it onto the reel.
- C. You dump out the developer.
- D. You dump out the fixer.

Submit



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