

$$\frac{1}{10} = \frac{10}{100}$$

$$0.1 = 0.10$$

$$\frac{1}{10} = \frac{10}{100}$$

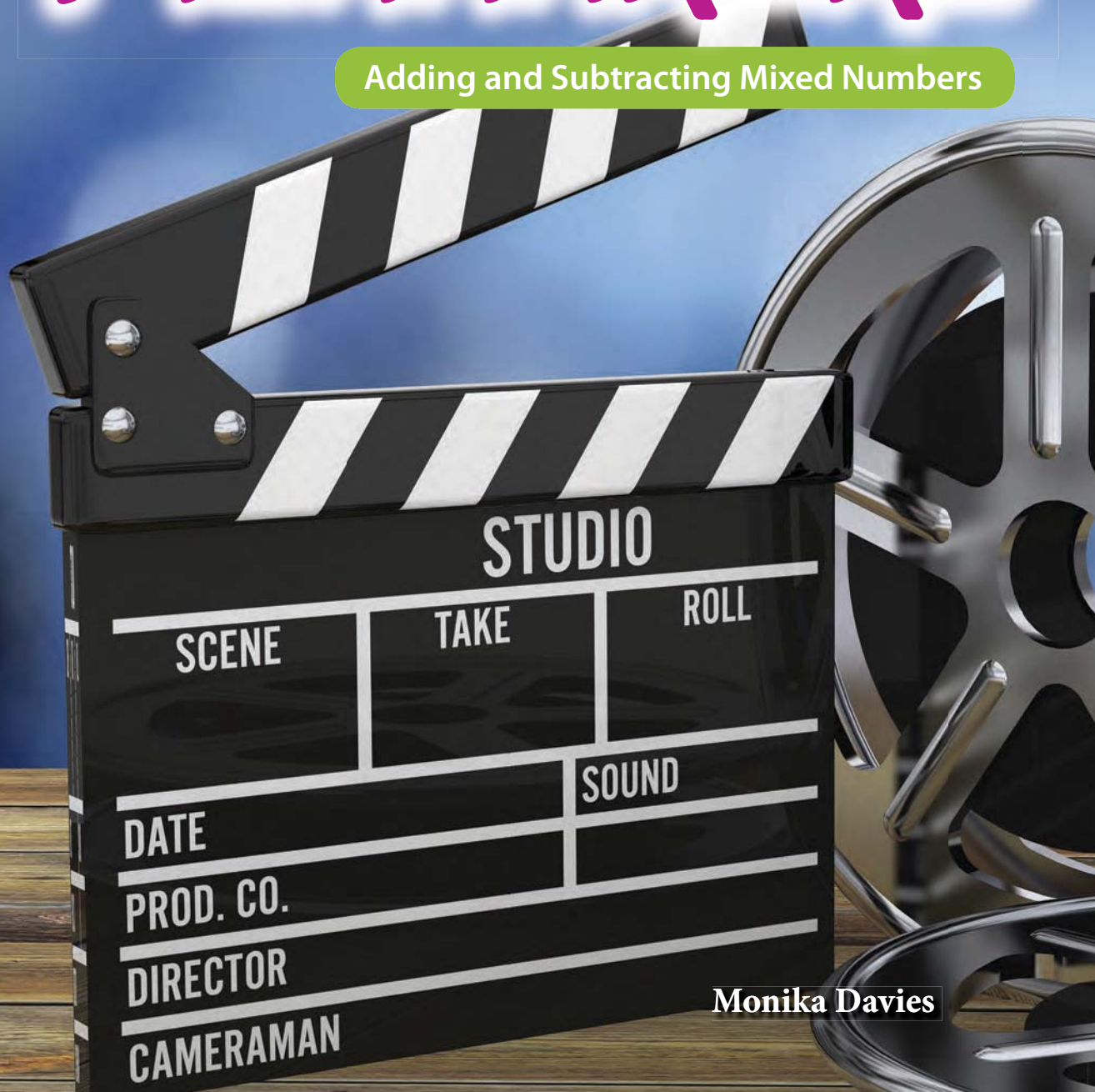
$$0.1 = 0.10$$

$$\frac{1}{10} = \frac{10}{100}$$

On the Job

FILMMAKERS

Adding and Subtracting Mixed Numbers



Monika Davies

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The Storytellers

Our world is filled with stories. Some of the greatest stories are the ones that are captured on film! But, how well do we know the people who bring these stories to life?

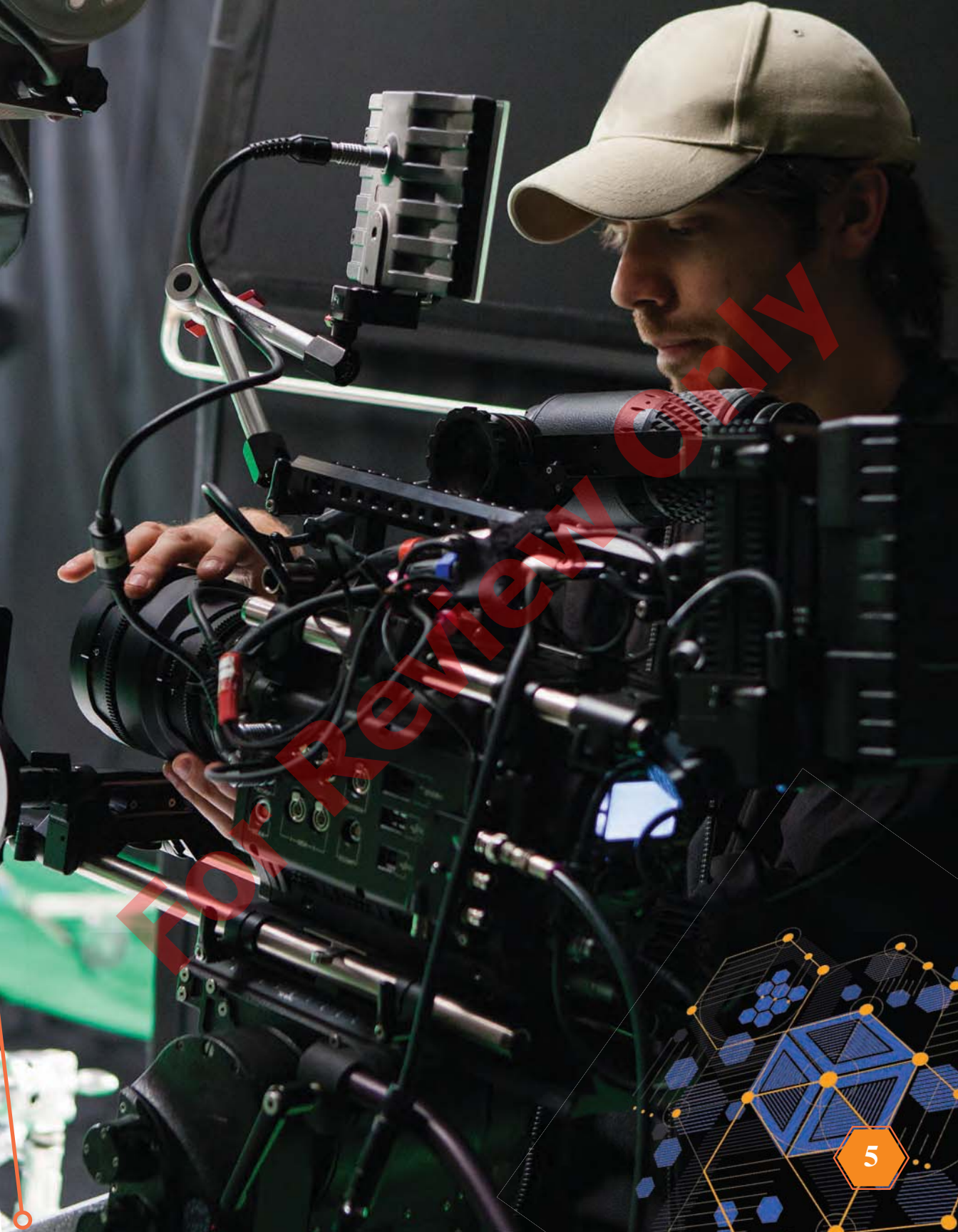
Every movie has a credits list that runs a mile long. But arguably, the leader behind the scenes is the filmmaker.

The average filmmaker is more than just a **director**. He or she is often the film's **producer** and **editor**. Sometimes, that person is the film's writer, too. Filmmakers are some of the best multitaskers in the movie business!

Take a look at some of today's leading filmmakers. Each person took a unique journey to arrive at his or her current career. These filmmakers work hard to include a variety of characters in their films. They are focused on making smart and innovative movies. They are artists. Some people may even call them visionaries. But most importantly, they are storytellers—Hollywood's finest.

Clapperboards help filmmakers know details about each section of recorded film.





Ava DuVernay

Filmmakers are leaders. They coach actors and supervise a crew. Everyone on set looks to them for guidance. So, a very dedicated person must sit in the director's chair.

For Ava DuVernay, being a leader comes naturally. She has said, "From a very early age, I felt comfortable leading. I did not have any problem with speaking up."

Even though DuVernay felt she had the ability and freedom to do what she wanted, her career path did not lead directly to making films. She first worked as a **publicist**. In that role, she developed her marketing expertise for big Hollywood movies. "I didn't start out thinking I could ever make films," she said. "I started out being a film lover, loving films, and wanting to have a job that puts me close to them."

DuVernay saw a lack of African-American independent films. She wanted this to change. So, she began making changes in her life. She was still working as a publicist when she began making films.



DuVernay changes the camera angle and speed to give the audience a new perspective.

A full-page photograph of Janelle Monáe at the TIME 100 Gala. She is standing on a red carpet with a repeating "TIME100" pattern in the background. She is wearing a bright blue dress with a black belt and a black blazer. She has long, dark dreadlocks and is wearing large, ornate earrings and a wide gold cuff bracelet. She is holding a small, shiny clutch bag in her right hand.

DuVernay attends the TIME 100 Gala, where she is honored as one of the most influential people of the year.

LET'S EXPLORE MATH

Script pages are usually divided into eighths because the paper is 8 inches long. One page is about 1 minute of screen time.

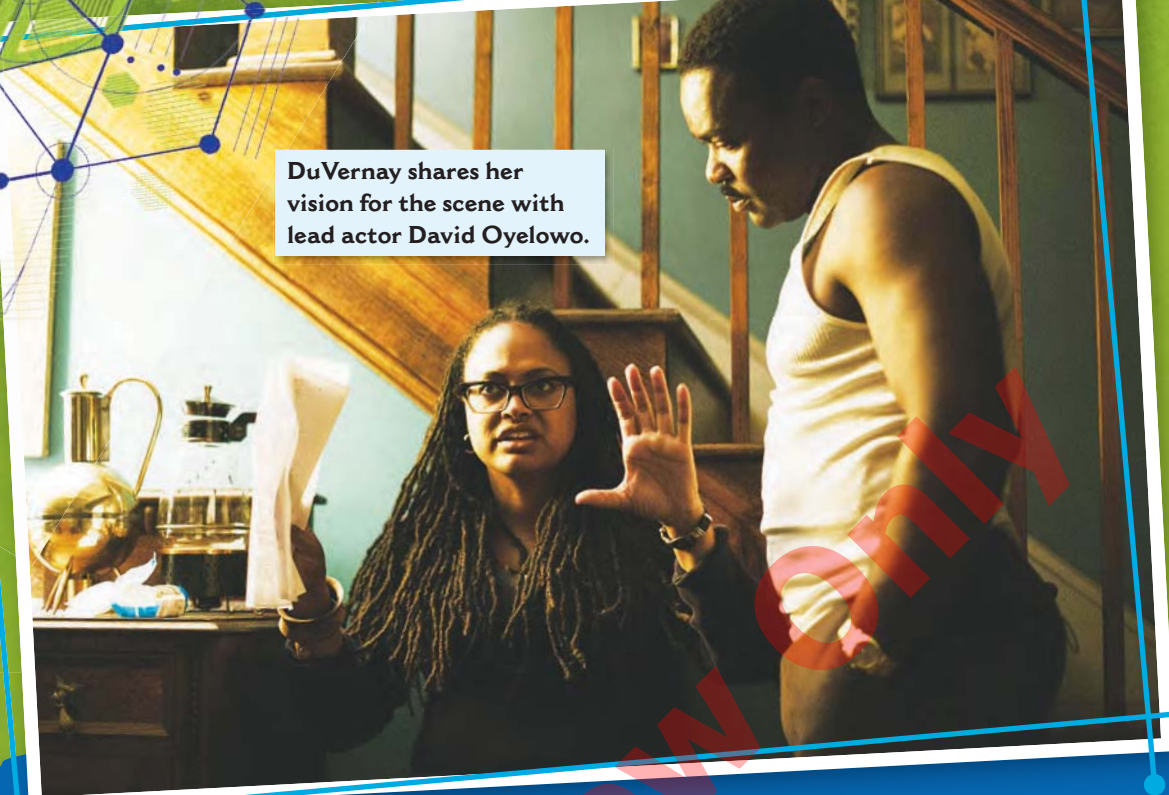
Suppose DuVernay needs to combine some scenes. She wants each new scene to be at least 4 minutes, or 4 pages, long. Choose all of the following expressions showing page combinations with a sum of 4 or greater.

A. $1\frac{2}{8} + 2\frac{4}{8}$

B. $3\frac{3}{8} + \frac{7}{8}$

C. $2\frac{1}{8} + 2\frac{1}{8}$

D. $1\frac{6}{8} + 2\frac{2}{8}$



DuVernay shares her vision for the scene with lead actor David Oyelowo.

DuVernay said, “[I] gave myself **permission** to go slowly. I didn’t beat myself up for the fact that I had a **day job**. I considered how I could strengthen myself through **my day job** so that one was feeding the other.”

In 2006, she released **her first short**, *Saturday Night Life*. In 2010, she directed her first **full-length film**, *I Will Follow*. Critics loved the movie. She started to **get noticed** for her work.

In 2014, DuVernay’s film, *Selma*, released. *Selma* tells the story of Martin Luther King Jr.’s march from Selma to Montgomery, Alabama. This **march** was part of the movement to secure equal voting rights for **all people of color**.

The film’s budget was \$20 million. It was a big project. It came with **fresh challenges**. In the movie, the march is a pivotal moment. For this scene, DuVernay had to coordinate hundreds of **extras** and use a **green screen** effectively. This was new to her. But she said, “I just approached it the same way I approach any scene—what is the story here?” Her focus on the story helped bring the scene to life.

BAZ BAMIGBOYE, DAILY MAIL

SELMA

AND OPRAH
WINFREY

ONE DREAM CAN CHANGE THE WORLD

IN CINEMAS 6TH FEBRUARY

IN CINEMAS 6TH FEBRUARY

Math Talk

1. What are some ways to show fractions greater than 1?
2. How are mixed numbers and improper fractions related?
3. How can equivalent fractions help you add and subtract fractions with unlike denominators?
4. How can benchmarks be used when solving problems involving mixed numbers?
5. When adding and subtracting, would you rather calculate with mixed numbers or with improper fractions? Why?
6. Describe a situation in which filmmakers would need to use fractions while on the job.