

# Compare and Order Fractions, Decimals, and Percents

## Day 2

2. Cora spends  $\frac{2}{3}$  of her free time blogging on the Internet. Leah spends 60% of her free time blogging on the Internet. Who spends more of her free time blogging?

(Examples 3 and 4)

3. The table shows the wins for some middle school football teams. Which team has the greatest fraction of wins? (Example 5)

Team	Wins
Eagles	95%
Wolves	$\frac{9}{10}$
Mustangs	0.89

4.  **Building on the Essential Question** How do you compare fractions, decimals, and percents?

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7. Darius spends 35% of his time doing math homework. Alex spends  $\frac{2}{5}$  of his time doing math homework. Who spends more homework time on math? Explain. (Example 4)

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8. Three snack bars contain  $\frac{1}{5}$ , 0.22, and 19% of their Calories from fat. Which snack bar contains the least amount of Calories from fat? (Example 5)

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# Extra Practice

Fill in each  $\bigcirc$  with  $<$ ,  $>$ , or  $=$  to make a true statement.

1.  $\frac{1}{4} \bigcirc 0.4$


4.  $0.7 \bigcirc \frac{7}{9}$

9. **CCSS Model with Mathematics** Use the graphic novel frame below for Exercises a–b.

Watch  **Replay it online!**

Ring Toss Scores	
Daniella	$\frac{1}{5}$ of shots
Dwayne	25%
Angel	4 out of 20

How can I compare these scores?



- a. Write each score as a decimal. \_\_\_\_\_
- b. Compare the three scores. \_\_\_\_\_

22. Shop Rite has jeans on sale for  $\frac{3}{10}$  off. Save More has jeans on sale for 33% off. Which store has a better sale on jeans? Explain.
- \_\_\_\_\_
- \_\_\_\_\_

23. A city's population rose 3% one year, 0.08 the next year, and by  $\frac{2}{50}$  the next year. Order these increases from least to greatest.
- \_\_\_\_\_
- \_\_\_\_\_

Order the numbers from least to greatest.

24.  $0.4, \frac{5}{8}, 38\%$

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25.  $\frac{1}{2}, 0.55, \frac{5}{7}$

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