

Guided Practice



1. Order the fractions $\frac{4}{5}$, $\frac{1}{2}$, $\frac{9}{10}$, and $\frac{3}{4}$ from least to greatest. (Examples 1 and 2) $\frac{1}{2}$, $\frac{3}{4}$, $\frac{4}{5}$, $\frac{9}{10}$



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) Cora

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

Team	Wins		
Eagles	95%		
Wolves	9 10		
Mustangs	0.89		



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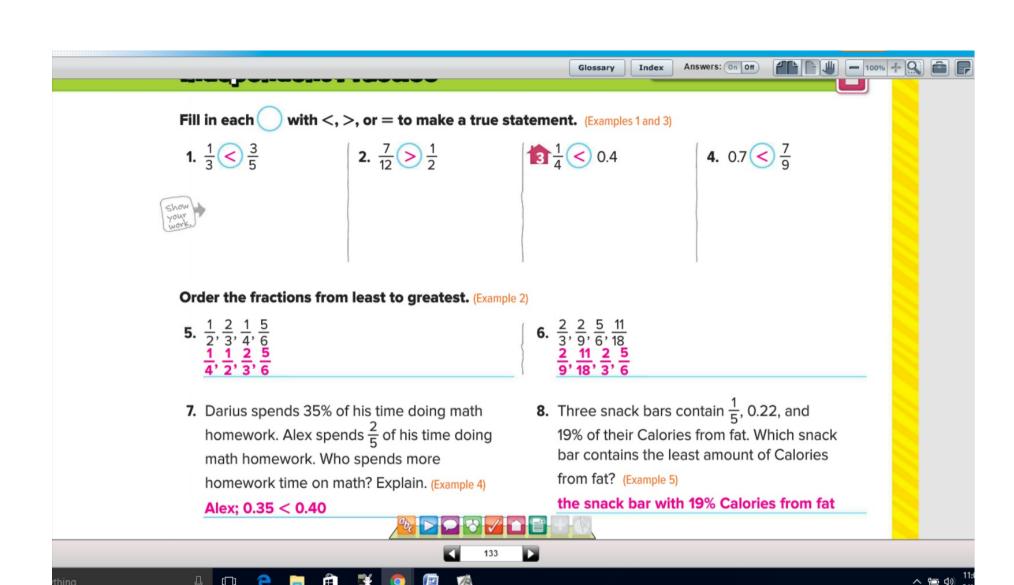




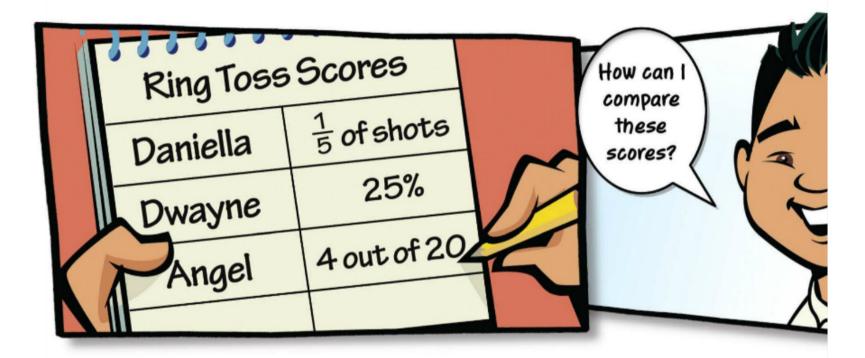








9. **Model with Mathematics** Use the graphic novel frame below for Exercises a–b.



- a. Write each score as a decimal. 0.20, 0.25, 0.20
- b. Compare the three scores. Two are the same; 0.25 is the greatest score.

Answers:

10. Be Precise Complete the graphic organizer. Write the original numbers to complete the statement.

Mempea	Steps to Write the Number as a Decimal with Three Places		Decimal
3/8	Divide the numerator by the denominator	1	0.375
0.3	The number is a decimal. Annex two zeros.	1	0.300
38.7%	move the decimal point two places to the left. Remove the percent symbol.	1	0.387

So, 0.3 < \frac{3}{8} < \frac{38.7\%}{}

Order the portion of responses listed in the table from least to greatest.

8%, 17%, 0.2, $\frac{11}{20}$

Number of Times Eating Fast Food per Week	0	1–2	1
Portion of Responses	17%	11 20	



12. MP Reason Abstractly Specify three fractions with different denominators that have an LCD of 24. Then arrange the fractions in order from least to greatest.

Sample answer: $\frac{3}{8}$, $\frac{2}{3}$, $\frac{5}{6}$

- 13. Persevere with Problems Order $\frac{3}{8}$, $\frac{3}{7}$, and $\frac{3}{9}$ from least to greatest without writing equivalent fractions with a common denominator. Explain your strategy. $\frac{3}{9}$, $\frac{3}{8}$, and $\frac{3}{7}$; Because the numerators are the same, the larger the denominator, the smaller the fraction.
- 14. Persevere with Problems Are the fractions $\frac{3}{9}$, $\frac{3}{10}$, $\frac{3}{11}$, and $\frac{3}{12}$ arranged in order from least to greatest or from greatest to least? Explain. greatest to least; Sample answer: When fractions have the same numerator, the fraction with the larger denominator will be the smaller fraction.
- 15. **P** Construct an Argument Is 0.4 less than, greater than, or equal to 44%? Explain your reasoning. less than; Sample answer: 0.4 is equivalent to 0.40, and 44% is equivalent to 0.44. Zero is less than 4 when you compare the hundredths.