October 20, 2020

7th Grade
Oct 20, 2020

Please get out your HW.

Today we will:
-check HW
-practice converting fractions and decimals

I will do binder checks throughout the week.

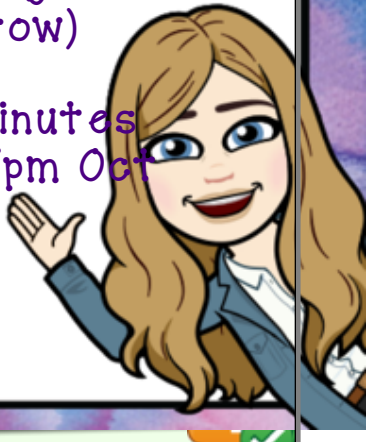
HOMEWORK:

Complete WS

Video notes

THQ due Friday (will post tonight/give copy tomorrow)

ALEKS-60 minutes due by 11:59pm Oct 26



Guided Practice

Write each fraction as a decimal. Use a bar to show a repeating decimal. (Examples 1 and 2)

1. $\frac{3}{5}$ 0.6
2. $\frac{5}{16}$ 0.3125
3. $-\frac{3}{20}$ -0.15
4. $\frac{5}{8}$ 0.625
5. $-\frac{2}{3}$ $-0.\overline{6}$
6. $-\frac{7}{9}$ $-0.\overline{7}$

7. In one season, the New England Patriots converted 16 of 20 fourth downs. What part of the time did the Patriots convert on fourth down? (Example 3) 0.8

Replace each ● with <, >, or = to make a true sentence. (Example 4)

8. $0.89 \bullet \frac{11}{13}$ >
9. $-\frac{2}{3} \bullet -\frac{3}{5}$ <
10. $-0.21 \bullet \frac{1}{5}$ <
11. $\frac{5}{9} \bullet \frac{6}{11}$ >
12. $-\frac{9}{15} \bullet -0.61$ >
13. $\frac{3}{4} \bullet \frac{7}{9}$ <

14. Of Nikki's home water usage, $\frac{7}{50}$ comes from lawn watering, and $\frac{3}{20}$ comes from cooking. Does a greater fraction of water usage come from lawn watering or from cooking? (Example 5) cooking

15. On his first reading test, Tre answered $\frac{26}{30}$ questions correctly. On his second reading test, he answered $\frac{34}{40}$ questions correctly. On which test did Tre have the better score? (Example 5) test 1

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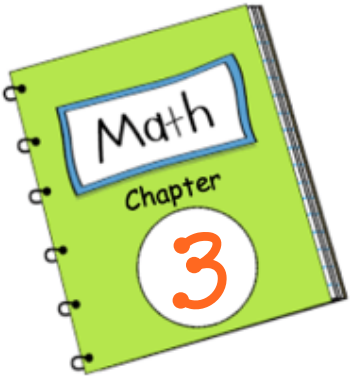

TITLE: Operations with Rational Numbers

Date	Lesson	Topic/Assignment
10-19	1	Fractions and Decimals Video Notes
10-20	1	HW WS
10-20	1	HW Practice WS (in-class)
10-21	2	Rational Numbers Video Notes

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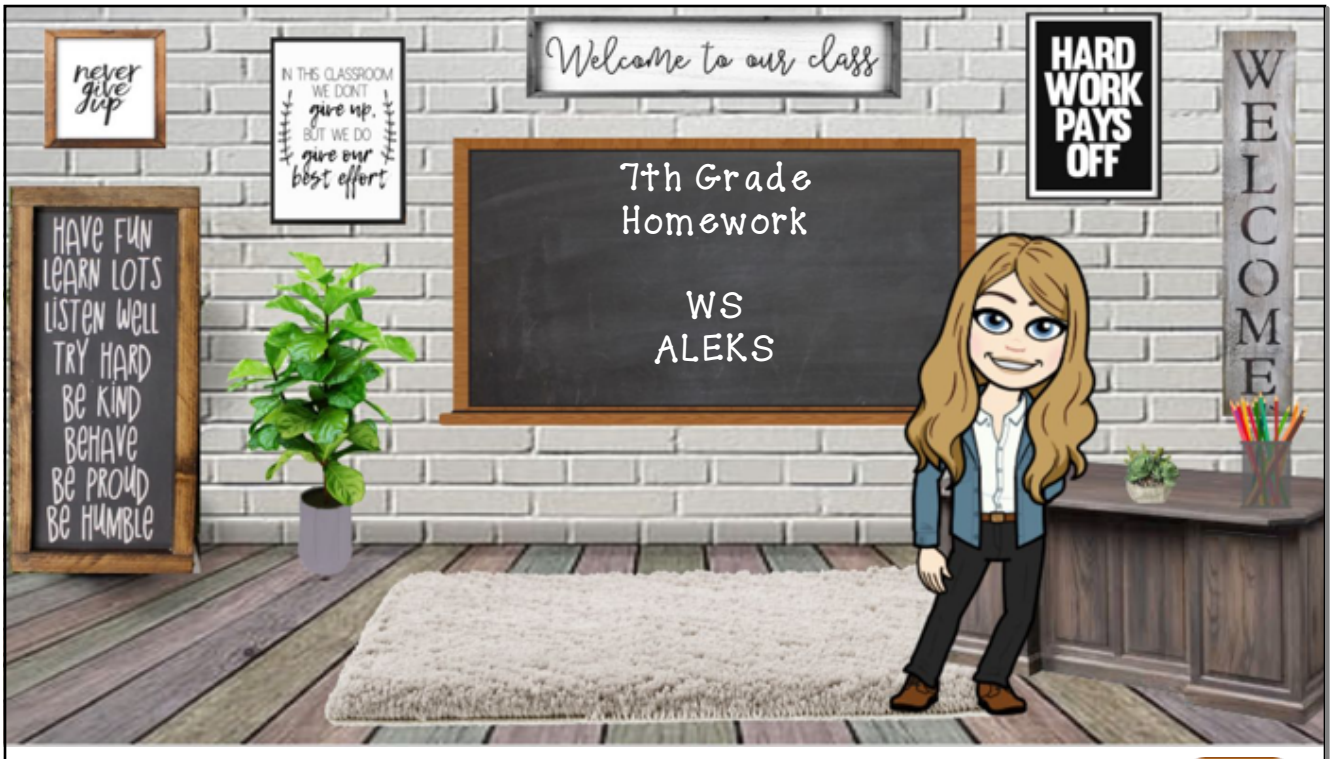

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Lesson 1 Homework Practice
Fractions and Decimals

PRACTICE

Name_____

Unit ___ Lesson ___ Due Date _____

Write each fraction as a decimal. Use a bar to show a repeating decimal.

1. $\frac{3}{5}$ $\times\frac{2}{2}=\frac{6}{10}=0.6$

2. $\frac{1}{8}$ $8\overline{)1000}$ $\times 0.125$ 0.125 $8\downarrow$ 20 $16\downarrow$ 40

3. $\frac{9}{11}$ $11\overline{)9.000}$ 88 20 11 90 0.81

4. $-\frac{3}{16}$ $16\overline{)3.0000}$ $-16\downarrow$ 140 $-128\downarrow$ 120 $-112\downarrow$ 80 -80 0 0.1875

5. $\frac{3}{40}$ $=0.075$ $40\overline{)3.000}$ $-280\downarrow$ 200 -200 0 $40\times 7=280$ $40\times 8=320$ $40\times 5=200$

6. $\frac{8}{11}$ 0.72 $11\overline{)8.00}$ $77\downarrow$ 30 $22\downarrow$ 80 77 3

7. $\frac{5}{12}$

8. $\frac{1}{3}$

9. $\frac{7}{9}$

10. $-\frac{11}{15}$

Replace each ● with <, >, or = to make a true sentence.

11. $-\frac{13}{2}$ ● –6.4

12. $\frac{6}{7}$ ● $\frac{5}{6}$

13. –0.75 ● $-\frac{15}{20}$

14. $-\frac{3}{8}$ ● –0.40

15. $\frac{7}{8}$ ● $\frac{8}{9}$

16. $-\frac{33}{100}$ ● $-0.\bar{3}$

17. Order $-\frac{8}{9}$, $-\frac{8}{10}$, and $-0.\overline{80}$ from least to greatest.

18. In a school survey, 787 out of 1000 students preferred hip-hop music to techno. Is this figure more or less than $\frac{7}{9}$ of those surveyed? Explain.