

6th Grade
Dec 1, 2020

Please get out your homework from yesterday.

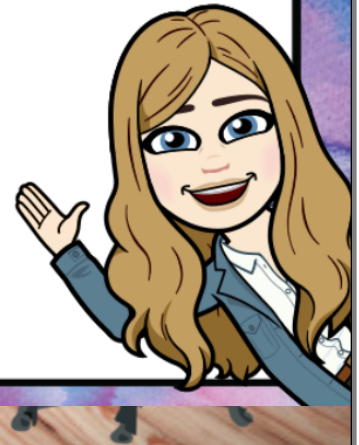
Today we will:
-review HW
-practice with pg 13-14
-begin HW if time

HOMEWORK:

Page 13-14 from Text

Video notes on 1-2

ALEKS 60 min and 5 topics due Dec 8



Yesterday's homework:

Find the greatest common factor of each set of numbers. (Example 2)

1. 8, 14 2

Show your work →

2. 21, 24, 27 3

3. 21, 35, 49 7

4. 12, 18, 26 2

Find the least common multiple of each set of numbers. (Examples 3 and 4)

5. 5 and 6 30

5 → 5, 10, 15..

6 → 6, 12, 18...

6. 6 and 9 18

7. 6, 12, and 15 60

6, 12, 18,
12,
15, 30, 45, 60, 75

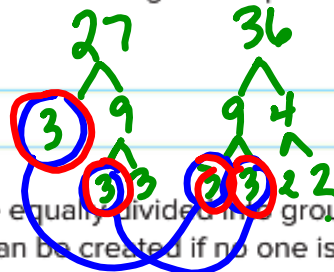
8. 3, 9, and 15 45

3
9
15, 30, 45

9. A gardener has 27 pansies and 36 daisies. He plants an equal number of each type of flower in each row. What is the greatest possible number of pansies in each row? (Example 1)

9 pansies

$3 \times 3 = 9$



$3 \times 3 = 9$

10. Fourteen boys and 21 girls will be equally divided into groups. Find the greatest number of groups that can be created if no one is left out. (Example 1)

7 groups

In-class assignment:

Extra Practice

Find the greatest common factor of each set of numbers.

17. 15, 20 5

Homework
Help

factors of 15: ①, 3, ⑤, 15

factors of 20: ①, 2, 4, ⑤, 10, 20

The common factors are 1 and 5.

The GCF is 5.

18. 30, 48, 60 _____

19. 24, 30, 42 _____

24: 1, 2, 3, 4, 6, 8, 12, 24

30:

42:

20. 24, 40, 56 _____

Find the least common multiple of each set of numbers.

21. 3 and 5 15

multiples of 3: 3, 6, 9, 12, ⑤, 18, 21, 24, 27, ③, 30

multiples of 5: 5, 10, ⑤, 20, 25, ③, 30

The common multiples are 15 and 30.

The LCM is 15.

22. 12 and 18 _____

23. 5, 10, and 15 _____

24. 9, 12, and 18 _____

25. A grocery store clerk has 16 oranges, 20 apples, and 24 pears.

The clerk needs to put an equal number of apples, oranges, and pears into each basket. What is the greatest number of baskets that can be made so that no fruit is left?



26. **MP Identify Repeated Reasoning** The science department buys the equipment shown in the table. They bought all three items this year. In how many years will they have to buy all three items again?

Item	Time Bought
Microscopes	every 5 years
Safety goggles	every 4 years
Test tubes	every 2 years

Power Up! Test Practice

27. Drusilla replaces the light bulb in the hall closet every 9 months and replaces the air filter every 6 months. She just replaced both items this month. After how many months will she replace both the light bulb and the air filter? Select all that apply.

 12 months

 18 months

 36 months

 48 months

28. Macy is painting a design that contains two repeating patterns. One pattern repeats every 8 inches. The other repeats every 12 inches. The design is 19 feet long. Both patterns begin at the same place. Use the pattern pieces to create a sample of the design. Use the sample to determine the number of times the patterns begin in the same place.



8-inch pattern:

12-inch pattern:

Spiral Review

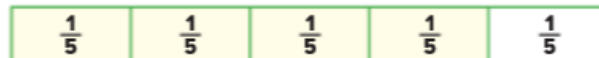
Write each fraction in simplest form. **5.NF.5b**

29. $\frac{9}{18} =$

30. $\frac{21}{35} =$

31. $\frac{36}{48} =$

32. Josiah ran $\frac{4}{5}$ mile. How many tenths are equal to $\frac{4}{5}$ mile? Use bar diagrams to find the answer. **5.NF.5b**



33. Pizza Palace cuts a medium pizza into 8 slices. The same size pizza at Pizza Pioneers is cut into 16 slices. Jasmine ate 4 slices of a medium pizza from Pizza Pioneers. What fraction of the pizza from Pizza Palace is equal to $\frac{4}{16}$? Explain. **5.NF.5b**



