*Due Monday 1/20/20

Name Key

4th Grade Homework- Week 20

Monday

Spiral Review

11+6= 17	8+12= 20
7x3= 21	56÷7= 8
9+12= 21	15-8= 7
81÷9= 9	9x4= 36
12-8= 4	6+8= 14
6x5= 30	10÷5= 2

What is the sum of 17,339 and 104,558?

121,897

104,558 + 17,339 = 121,897

What is the difference between 330,448 and 123,659?

206,789

330,448 - 123,659 = 206,789

$$\begin{array}{r} 74,334 \\ -\ 29,557 \\ \hline 44,777 \end{array}$$

$$\begin{array}{r} 10,478 \\ +\ 39,226 \\ \hline 49,704 \end{array}$$

$$\begin{array}{r} 102,336 \\ -\ 47,556 \\ \hline 54,780 \end{array}$$

The football team has a game Friday night. The stadium can hold a maximum of 15,000 fans. If the team sells 13,729 tickets, how many empty seats will there be? Estimate, then solve.

Estimate 15,000 - 14,000 = 1,000

Answer 15,000 - 13,729 = 1271

What number is 503,770 more than 2,449,005?

2,952,775

2,449,005 + 503,770 = 2,952,775

Alicia planted 432 flowers in her garden last spring. This spring fewer flowers bloomed, and now there are 378 flowers. How many flowers did not bloom?

54

432 - 378 = 54

*Your answer may be different!

Estimate by rounding:

672,446 + 192,557

700,000 + 200,000 = 900,000

670,000 + 190,000 = 860,000

What place did you round to?

hundred thousands
ten thousands

Name _____

4th Grade Homework- Week 20

spiral review

Patty ran 2 miles on Saturday. She ran 4 times as many miles on Sunday. How many more miles did she run on Sunday than Saturday? Use the bar model to help you solve.

Sat. [2]

Sun. [2][2][2][2] = 8

8 − 2 = 6 more miles on Sunday

What basic fact can you use to help you solve 800 x 7?

8 x 7 = 56

240 ÷ 6 = 40

120 x 3 = 360

Use the equation to determine if the statements are true or false.

3 x 7 = 21

21 is a multiple of 3. (21 = □ x 3)	True	False
7 is a factor of 21. (21 = 7 x □)	True	False
21 is a multiple of 3. (21 = □ x 3)	True	False
3 is a factor of 21. (21 = 3 x □)	True	False
21 is a factor of 3. (3 = □ x 21)	True	False

Same!

Write the related facts for 8, 3, and 24. (fact family!)

3 x 8 = 24 24 ÷ 8 = 3

8 x 3 = 24 24 ÷ 3 = 8

Use the area model to multiply.

1,459 x 8 = 11,672

	1000	400	50	9
8	8,000	3,200	400	72

11,672

Harmony says that 93 is prime. Her friend Jessica says it's composite. Which girl is correct? Explain. (complete sentence!)

Jessica is correct because 9 + 3 = 12, so 93 is a multiple of 3. (31 x 3 = 93)

Jeran is having a birthday party. He is going to have 15 people at the party. He's going to have 3 tables set up. The same number of people will sit at each table.

Check each equation that could help you to figure out how many people will sit at each table.

- ☐ ~~15 x 3 = 45~~ X
- ☑ 15 ÷ 3 = 5 ✓
- ☑ 3 x 5 = 15 ✓
- ☐ ~~3 ÷ 1/5 = 15~~ X

There are 216 rows of sunflowers in Farmer Brown's garden. Each row has 9 sunflowers. How many sunflowers are in Farmer Brown's garden?

216 x 9 = 1944

1944

Tickets to a music concert cost $25 each. How much do 75 tickets cost?

25 x 75 = (25 x 70) + (25 x 5) = 1750 + 125 =

1875

Name : _____ Score : _____

Teacher : _____ Date : _____

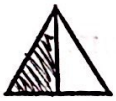
What is the Fraction of the Shaded (dark) Area ?

1)  3/4

2)  8/10

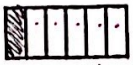
3)  8/12

4)  2/4

5)  1/2

6)  1/3

7)  3/8

8)  1/6

9)  4/5

10)  4/6

Shade (color) the Figure with the Indicated Fraction.

*Yours may look different!

11)  7/12

12)  5/8

13)  6/8

14)  1/8

15)  2/5

16)  1/5

17)  4/8

18)  4/12

19)  7/10

20)  2/8

Name _____ Date _____

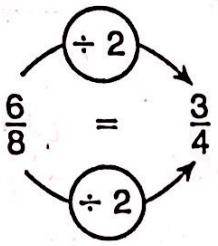
Reteach 19.3

Equivalent Fractions and Simplest Form

* Wed/Thurs. Lesson!

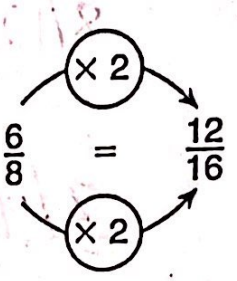
Jared read $\frac{6}{8}$ of a book.

Find the **simplest form** of a fraction by dividing until 1 is the only number that divides both the numerator and the denominator.



The **simplest form** of $\frac{6}{8}$ is $\frac{3}{4}$.

Find an equivalent fraction by multiplying the numerator and denominator by the same number.



$\frac{6}{8}$ and $\frac{12}{16}$ are equivalent fractions.

Write each fraction in simplest form. Then write another equivalent fraction.

1. $\frac{6}{9} = \frac{6 \div 3}{9 \div 3} = \frac{2}{3}$ $\quad \frac{6}{9} = \frac{6 \times 3}{9 \times 3} = \frac{18}{27}$

2. $\frac{8}{10} = \frac{8 \div 2}{10 \div 2} = \frac{4}{5}$ $\quad \frac{8}{10} = \frac{8 \times 3}{10 \times 3} = \frac{24}{30}$

3. $\frac{3}{6} = \frac{3 \div 3}{6 \div 3} = \frac{1}{2}$ $\quad \frac{3}{6} = \frac{3 \times 4}{6 \times 4} = \frac{12}{24}$

4. $\frac{8}{12} = \frac{8 \div 4}{12 \div 4} = \frac{2}{3}$ $\quad \frac{8}{12} = \frac{8 \times 2}{12 \times 2} = \frac{16}{24}$

5. $\frac{2}{16} = \frac{2 \div 2}{16 \div 2} = \frac{1}{8}$ $\quad \frac{2}{16} = \frac{2 \times 3}{16 \times 3} = \frac{6}{48}$

6. $\frac{9}{15} = \frac{9 \div 3}{15 \div 3} = \frac{3}{5}$ $\quad \frac{9}{15} = \frac{9 \times 2}{15 \times 2} = \frac{18}{30}$

7. $\frac{6}{18} = \frac{6 \div 6}{18 \div 6} = \frac{1}{3}$ $\quad \frac{6}{18} = \frac{6 \times 2}{18 \times 2} = \frac{12}{36}$

8. $\frac{15}{20} = \frac{15 \div 5}{20 \div 5} = \frac{3}{4}$ $\quad \frac{15}{20} = \frac{15 \times 3}{20 \times 3} = \frac{45}{60}$

9. $\frac{4}{22} = \frac{4 \div 2}{22 \div 2} = \frac{2}{11}$ $\quad \frac{4}{22} = \frac{4 \times 3}{22 \times 3} = \frac{12}{66}$