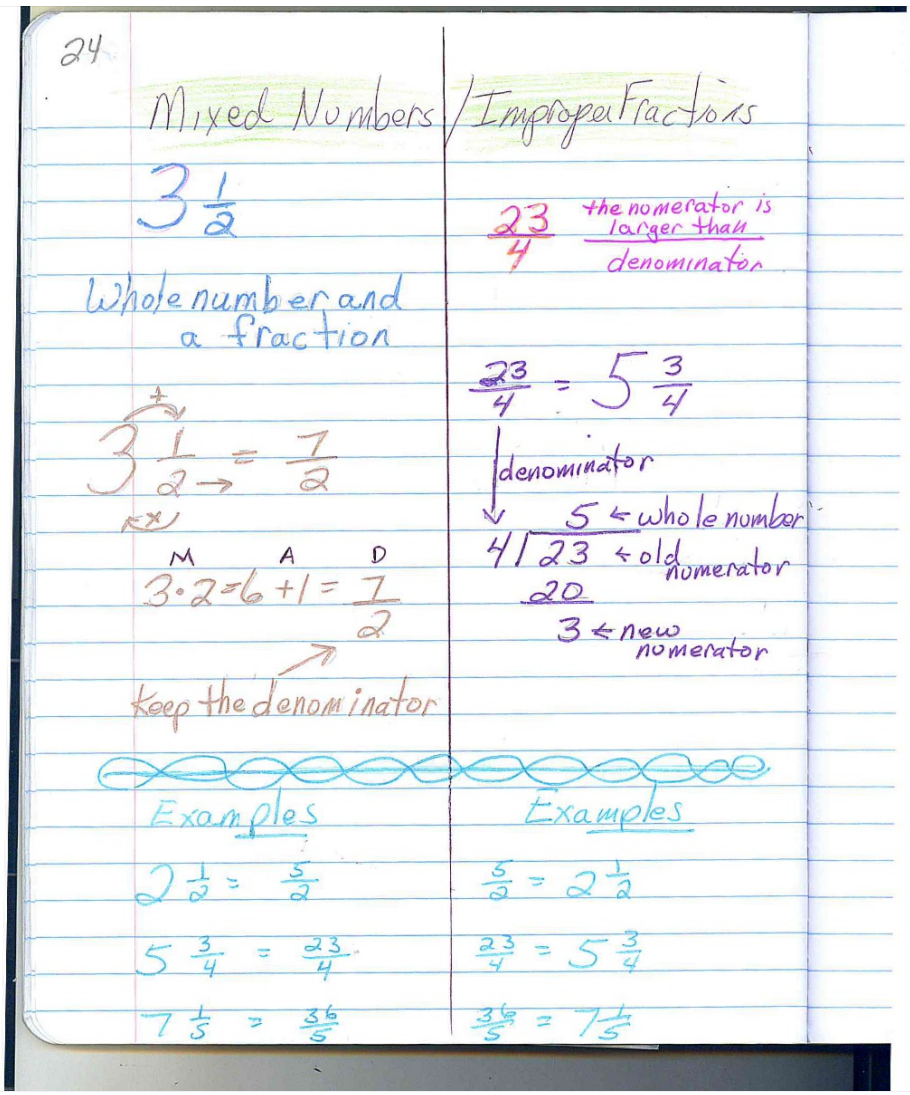

24
Mixed Numbers / Improper Fractions
3 1/2
Whole number and a fraction
3 1/2 = 7/2
M A D
3·2=6+1=7/2
keep the denominator
23/4 the numerator is larger than denominator
23/4 = 5 3/4
denominator
5 ← whole number
4|23 ← old numerator
20
3 ← new numerator
Examples
2 1/2 = 5/2
5 3/4 = 23/4
7 1/5 = 36/5
Examples
5/2 = 2 1/2
23/4 = 5 3/4
36/5 = 7 1/5

ame : _____ Score : _____

eacher : _____ Date : _____

Converting Improper Fractions to Mixed Numbers

1) $\frac{8}{3}$ = ____ 2) $\frac{7}{2}$ = ____ 3) $\frac{28}{5}$ = ____

4) $\frac{45}{7}$ = ____ 5) $\frac{48}{9}$ = ____ 6) $\frac{57}{9}$ = ____

7) $\frac{15}{2}$ = ____ 8) $\frac{48}{9}$ = ____ 9) $\frac{26}{5}$ = ____

0) $\frac{78}{10}$ = ____ 11) $\frac{52}{8}$ = ____ 12) $\frac{60}{8}$ = ____

3) $\frac{7}{3}$ = ____ 14) $\frac{42}{8}$ = ____ 15) $\frac{23}{4}$ = ____

Converting Mixed Numbers to Improper Fractions

Converting Mixed Numbers to Improper Fractions

1) $5\frac{1}{3}$ = ____

2) $4\frac{1}{2}$ = ____

3) $2\frac{3}{5}$ = ____

4) $4\frac{1}{3}$ = ____

5) $3\frac{3}{5}$ = ____

6) $2\frac{6}{7}$ = ____

7) $6\frac{1}{2}$ = ____

8) $2\frac{5}{7}$ = ____

9) $4\frac{9}{10}$ = ____

10) $3\frac{1}{2}$ = ____

11) $2\frac{1}{6}$ = ____

12) $9\frac{1}{2}$ = ____

13) $6\frac{1}{2}$ = ____

14) $3\frac{7}{10}$ = ____

15) $5\frac{1}{2}$ = ____

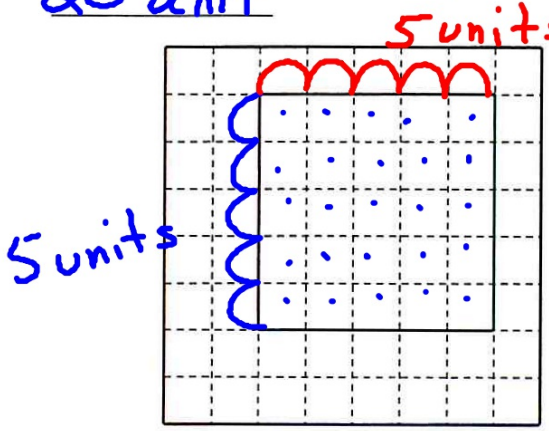
AREA OF SQUARES

The area of a two dimensional (2D) figure is the amount of space it takes up. Area is measured in squares. The squares in the grid paper are each 1 ~~centimeter~~ unit long. Since each square has sides 1 ~~centimeter~~ unit long, it is called a square ~~centimeter~~ unit (cm^2).

unit²

1.) Count to find how many square ~~centimeters~~ units are in the square below?

25 unit²



$A = \ell w$

$A = 5\text{units} \cdot 5\text{units}$

$A = 25\text{ units}^2$

2.) How many ~~centimeters~~ units is the length of the square? 5 units

3.) How many ~~centimeters~~ units is the width of the square? 5 units

4.) What do you notice about the length and width of the square?

They are congruent

5.) Count to find h

6.) How many cent

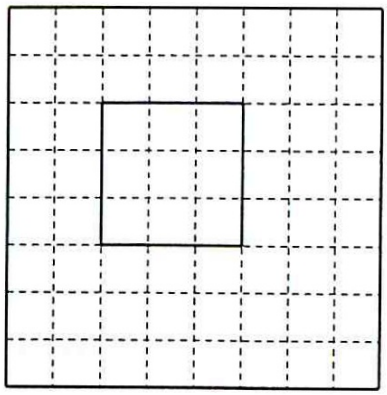
7.) How many cent

8.) What do you nc

9.) What is the area

5.) Count to find how many square centimeters are in the square below?

_____



6.) How many centimeters is the length of the square? _____

7.) How many centimeters is the width of the square? _____

8.) What do you notice about the length and width of the square? _____

_____

9.) What is the area formula for a square? _____

_____

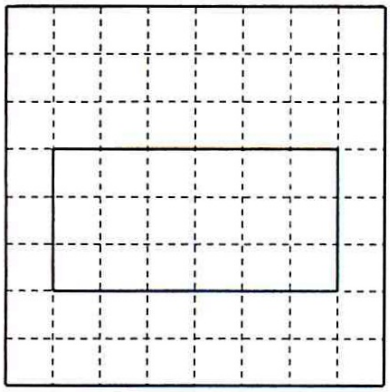
NAME: _____

AREA OF RECTANGLES

The area of a two dimensional (2D) figure is the amount of space it takes up. Area is measured in squares. The squares in the grid paper are each 1 centimeter long. Since each square has sides 1 centimeter long, it is called a square centimeter (cm^2).

1.) Count to find how many square centimeters are in the rectangle below?

_____



2.) How many centimeters is the length of the rectangle? _____

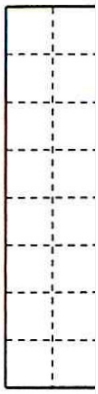
3.) How many centimeters is the width of the rectangle? _____

4.) What do you notice about the length and width of the rectangle and the area?

_____

5.) Count to find how many sc

_____



6.) How many centimeters is t

7.) How many centimeters is t

8.) What do you notice about

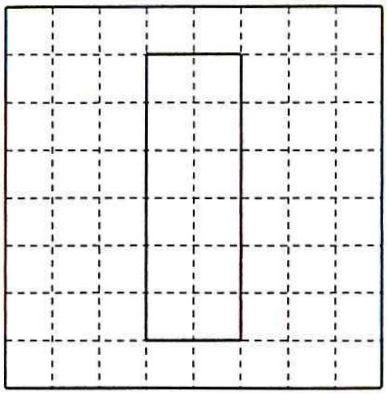
_____

9.) What is the area formula fo

_____

5.) Count to find how many square centimeters are in the rectangle below?

_____



6.) How many centimeters is the length of the rectangle? _____

7.) How many centimeters is the width of the rectangle? _____

8.) What do you notice about the length and width of the rectangle and the area?

_____

9.) What is the area formula for a rectangle? _____

_____