

5th Grade

Name: _____

Student Number: _____

Today's Number	
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10 times greater

100 times greater

_____ x 10 ³

Add 10 times greater and 100 times greater

Write a number that is GREATER (after decimal)

Expanded Notation (Form)

Fraction

Percentage

Round to the nearest _____

Power of 10

Word Form

1/10 less

1/100 less

Subtract 1/10 less and 1/100 less

Write a number that is LESS (after decimal)

Prime Factors of first 2 digits of the whole #

Name: _____

Student Number: _____

Today's Number

76,944.259

10 times greater

769,442.59

100 times greater

7,694,425.9

_____ x 10³

76,944,259

Add 10 times greater and 100 times greater

769,442.59
+ 7,694,425.9

8,463,868.49

Write a number that is GREATER (after decimal)

76,944.269

Expanded Notation (Form)

(7 x 10,000) + (6 x 1,000) + (9 x 100) + (4 x 10) +
(4 x 1) + (2 x $\frac{1}{10}$) + (5 x $\frac{1}{100}$) + (9 x $\frac{1}{1000}$)

Fraction (use # R of decimal)

.259 = $\frac{259}{1000}$

Round to the nearest HUNDRED

76,900

Word Form

Seventy-six thousand, nine hundred forty-four
and two hundred fifty-nine thousandths

Percentage

25.9%

Power of 10

769 x 10²

1/10 less

7,694.4259

1/100 less

769.44259

Subtract 1/10 less and 1/100 less

7,694.4259
- 769.44259

6,924.98331

Write a number that is LESS (after decimal)

76,944.249

Prime Factors of first 2 digits of the whole #

76 = 2 x 38
2 x 2 x 19

Prime Factors

Name: _____

Student Number: _____

Fraction 1 (F1)	Fraction 2 (F2)	Whole # (W#)

Add F1 & F2 area model

Add F1 & F2 (algorithm)

Subtract F1 & F2

Subtract Mixed # (W# & F1) and F2

Divide W# & F1 (Algorithm & area model)

Divide F1 & W# (Algorithm & area model)

Create an equivalent fraction for F1

Compare F1 & F2 (<, >, =)

< > =

Multiply F1 & F2 (algorithm & area model)

Name: _____
Student Number: _____

Fraction 1 (F1)	Fraction 2 (F2)	Whole # (W#)
$\frac{1}{4}$	$\frac{2}{3}$	3

Add F1 & F2 area model

Students should illustrate

Add F1 & F2 (algorithm)

$$\begin{array}{r} \frac{1}{4} = \frac{3}{12} \\ \frac{2}{3} = \frac{8}{12} \\ \hline \frac{11}{12} \end{array}$$

Subtract F1 & F2

$$\begin{array}{r} \frac{2}{3} = \frac{8}{12} \\ \frac{1}{4} = \frac{3}{12} \\ \hline \frac{5}{12} \end{array}$$

Subtract Mixed # (W# & F1) and F2

$$\begin{array}{r} 3\frac{1}{4} = 3\frac{3}{12} \\ \frac{2}{3} = \frac{8}{12} \\ \hline 3\frac{5}{12} \end{array}$$

Divide W# & F1 (Algorithm & area model)

Students illustrate area model

$$3 \div \frac{1}{4} = 12$$

$\frac{1}{4}$	$\frac{1}{4}$	$\frac{1}{4}$
$\frac{1}{4}$	$\frac{1}{4}$	$\frac{1}{4}$
$\frac{1}{4}$	$\frac{1}{4}$	$\frac{1}{4}$
$\frac{1}{4}$	$\frac{1}{4}$	$\frac{1}{4}$

Divide F1 & W# (Algorithm & area model)

Students illustrate area model

$$\frac{1}{4} \div 3 = \frac{1}{12}$$

$\frac{1}{12}$		

Create an equivalent fraction for F1

$$\frac{1}{4} = \frac{2}{8} = \frac{3}{12} \dots$$

Compare F1 & F2 (<, >, =)

$\frac{1}{4} < \frac{2}{3}$

Multiply F1 & F2 (algorithm & area model)

Students illustrate area model

$$\frac{1}{4} \times \frac{2}{3} = \frac{2}{12} = \frac{1}{6}$$

$\frac{2}{12} = \frac{1}{6}$	

Name: _____

Student Number: _____

Whole Number 1	Whole Number 2

Multiply

Area Model

Multiply

Algorithm

Vocabulary

Factor x factor = product

Dividend ÷ divisor = quotient

Divide Whole Number 1 by Whole Number 2 (area model)

Division Tool Box

Prime Factor (Whole Number 2)

Name: _____

Student Number: _____

Whole Number 1	Whole Number 2
480	15

Multiply

Area Model

	400	80	0
10	4000	800	0
5	2000	400	0

= 7200

Multiply

Algorithm

$$\begin{array}{r} 480 \\ \times 15 \\ \hline 2,400 \\ + 4,800 \\ \hline 7,200 \end{array}$$

Vocabulary

Factor x factor = product

Dividend ÷ divisor = quotient

Divide Whole Number 1 by Whole Number 2 (area model)

32

15

480

- 450

30

30

x

15

30

450

32

2

30

Division Tool Box

1 x 15 = 15

2 x 15 = 30

3 x 15 = 45

4 x 15 = 60

5 x 15 = 75

10 x 15 = 150

20 x 15 = 300

30 x 15 = 450

40 x 15 = 600

Prime Factor (Whole Number 2)

15

3

x

5

3 x 5

Name: _____

Student Number: _____

Length	Width	Height

Unit of the Day		
Inches	Feet	Miles
Mm	Cm	Km

Formulas

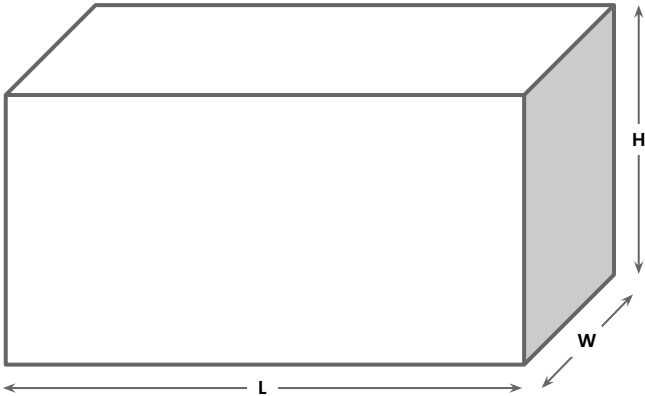
Area of rectangle

_____ x _____ =

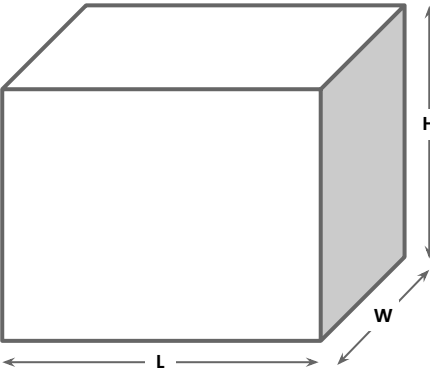
Volume of rectangle

_____ x _____ x _____

Label, length, width and height on every shape.



Volume = _____

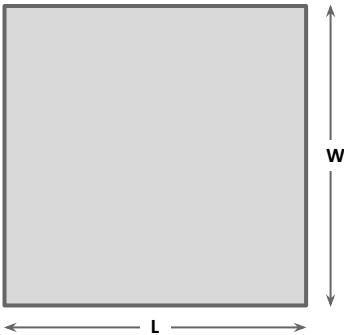


Volume = _____



Area = _____

Perimeter: _____



Area = _____

Perimeter: _____

Name: _____
Student Number: _____

Length	Width	Height
4	3	6

Unit of the Day		
Inches	Feet	Miles
Mm	Cm	Km

Formulas

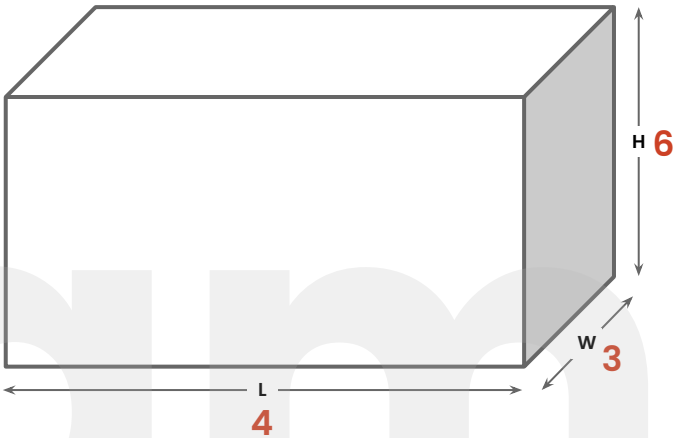
Area of rectangle

$$\underline{\hspace{1cm}} \times \underline{\hspace{1cm}} =$$

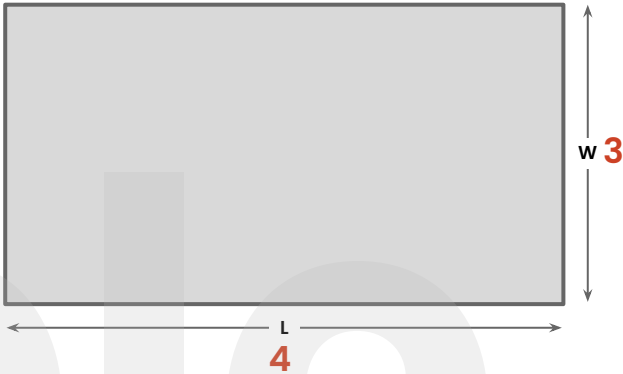
Volume of rectangle

$$\underline{\hspace{1cm}} \times \underline{\hspace{1cm}} \times \underline{\hspace{1cm}}$$

Label, length, width and height on every shape.

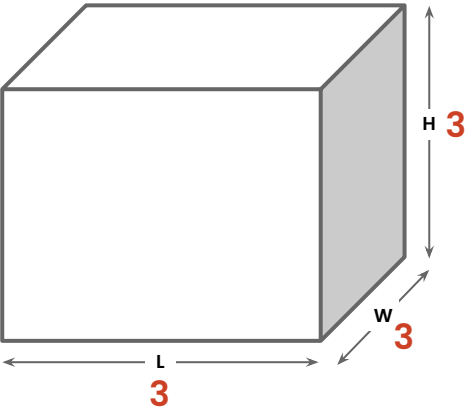


Volume = 72 cm^3

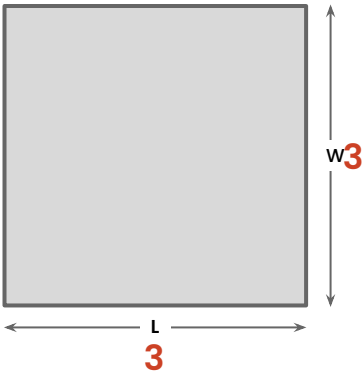


Area = 12 cm^2

Perimeter: 14 cm



Volume = 27 cm^3



Area = 9 cm^2

Perimeter: 12 cm