September to December Review

Hint: Representing Numbers to 100 000

Write the following number in standard form.

Sixty-three thousand six hundred twenty

63 620

Hint: One Step Equations

$x + 7 = 10$ -7

$x = 3$

Hint: Use estimation strategies

Use Front End Rounding to Estimate

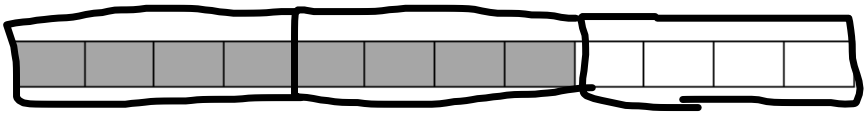
78 000 + 23 000 101 000

78 435 + 23 456 =

70 000 + 20 000 = 90 000

Hint: Demonstrate an Understanding of Fractions

Write as many fractions as you can to describe the following diagram:



$\frac{8}{12} = \frac{4}{6} = \frac{2}{3}$ $\frac{4}{12} = \frac{2}{6} \div \frac{1}{3}$

Hint: Mental Math

Double and Halving

5 x 8

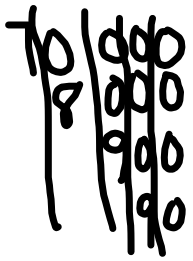
10 x 4 = 40

Hint: Representing Numbers to 100 000

Write the following number in standard form.

70 000 + 8000 + 900 + 90

78 990



Hint: Use estimation strategies

Use Compatible Numbers to Estimate

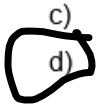
43 520 - 23 445

43 500
- 23 500
20 000

Hint: Reference for Units

Item 1: What would be a good referent for a millimetre?

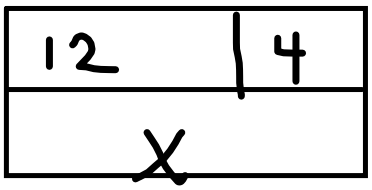
a) the width of a pencil
b) the height of a doorknob
c) the width of your hand
d) the thickness of a dime



Hint: One Step Equations

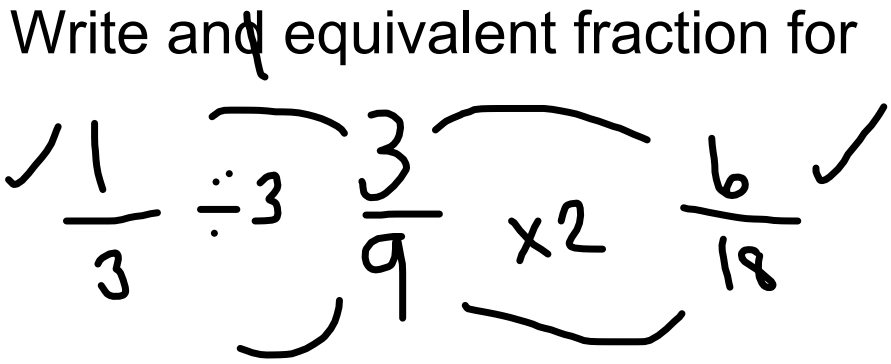
~~Draw a model to~~ represent the following equation

$12 + 4 = x$ $x = 16$



Hint: Demonstrate an Understanding of Fractions

Write and equivalent fraction for



Hint: Mental Math

Landmark or Friendly Numbers (One Away)

$9 + 8 =$

$10 + 7 = 17$

Hint: Representing Numbers to 100 000

Write the following number in expanded form.

56 809

50 000 + 6000 + 800 + 9

Hint: Reference for Units

Item 2: What would be a good referent for a centimetre?

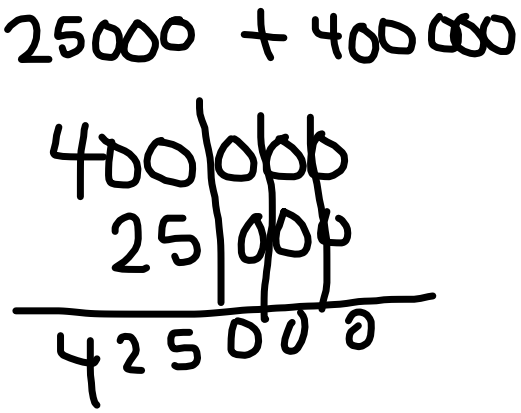
a) the width of a pencil
b) the height of a doorknob
c) the width of your hand
d) the thickness of a dime

Hint: Use estimation strategies

Use compatible numbers to estimate the sum of:

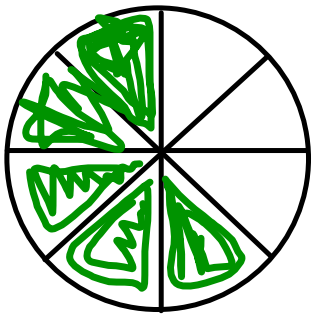
24 769 + 397 895

1. 400 000
2. 425 000
3. 450 000
4. 500 000



Hint: Demonstrate an Understanding of Fractions

What does the shaded part of this fraction show?



$\frac{5}{8}$

Hint: One Step Equations

$6 + c = 14$ −6 −1

$c = 8$

Hint: Mental Math

Double and Halving

6 x 20

12 x 10 = 120

Hint: Representing Numbers to 100 000

Write the following number in expanded form.

125 003

100 000
+ 20 000
+ 5 000
+ 3

Hint: Use estimation strategies

Use Compensation to Estimate

780 + 456

800 + 500

1300

Hint: Representing Numbers to 100 000

Read the following number

10 110

1. Ten thousand one hundred ten

Hint: One Step Equations

Draw a model to represent the following equation

$6 - 2 = x$ $x = 4$

Hint: Mental Math

Landmark or Friendly Numbers (Two Away)

$18 + 7$

$20 + 5 = 25$

Hint: Reference for Units

Item 3: What would be a good referent for a metre?

a) the width of a pencil
b) the height of a doorknob
c) the width of your hand
d) the thickness of a dime

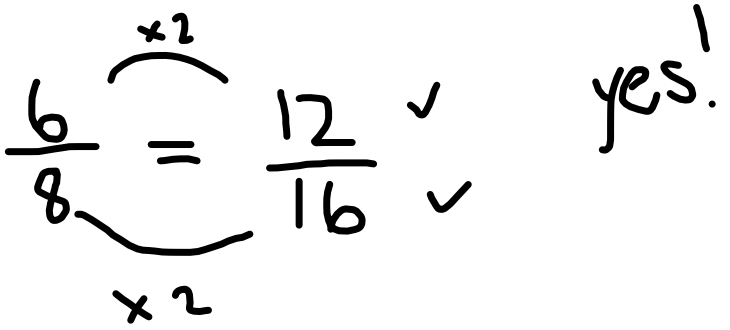
Hint: Use estimation strategies

Which pair of factors would give you the *best* estimate for 22 x 83?
Use compatible numbers to help.

1. 20 x 80
2. 30 x 85
3. 30 x 80
4. 25 x 85

Hint: Demonstrate an Understanding of Fractions

Are the following fractions equivalent?



Hint: Representing Numbers to 100 000

Read the following number

39 876

Thirty nine thousand eight hundred seventy six

Hint: Mental Math

Landmark Numbers (multiples of ten)

+1 +3

39 + 127

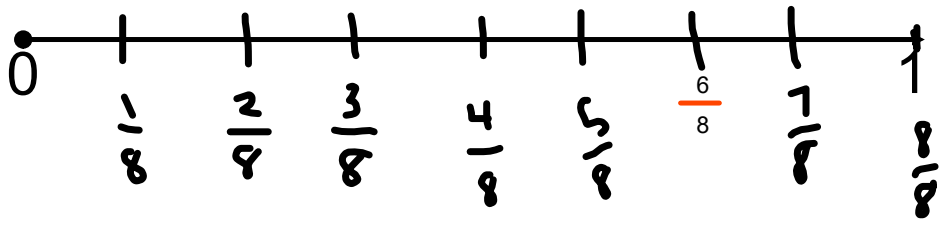
40 + 130 = 170

- 4

166

Hint: Demonstrate an Understanding of Fractions

Place the following fraction on the number line below



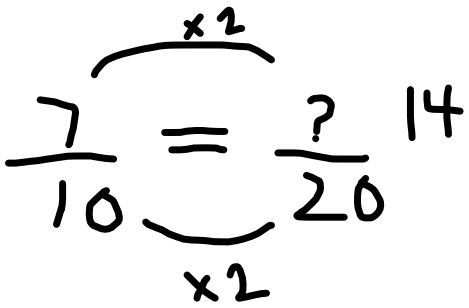
Hint: Representing Numbers to 100 000

Which words do you say when you read the number: 23 560?

a. 3 hundred
b. 2 thousand
c. 20 thousand
d. 6 ones

Hint: Demonstrate an Understanding of Fractions

What is the missing numerator?



Hint: Reference for Units

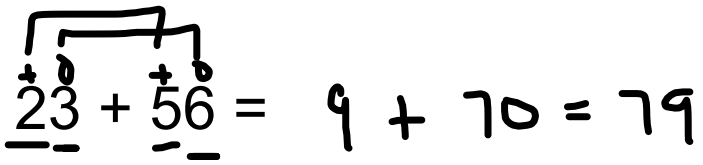
Item 4: Which unit (mm, cm, m, km) would be the best choice to measure the following:

a) the length of the school hallway

m

Mental Math

Addition: Breaking Each Number into its Place Value



Hint: Representing Numbers to 100 000

Use the following digits 7, 4, 3, 2, 8

What is the greatest number you can make?

87 432

Hint: Demonstrate an Understanding of Fractions

Are the following fractions equivalent?

$\frac{1}{6} \overset{\times 6}{=} \frac{6}{14}$ ×

36

No.

Hint: Representing Numbers to 100 000

How Much?

"How much is two hundred hundreds?"

200 × 100

20 000

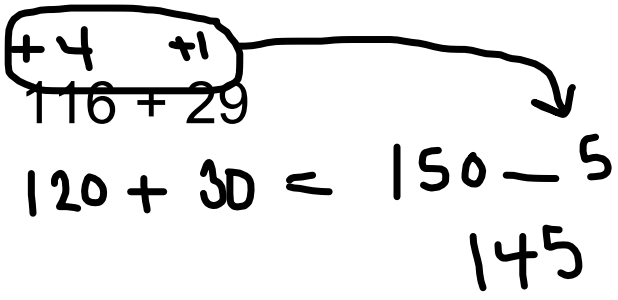
Hint: Reference for Units

Name an object in your classroom that is about 30 cm in length

Ruler, paper, text book, binder

Hint: Mental Math

Landmark Numbers (multiples of ten)



Hint: Reference for Units

Make the expression true

2000 m = __2_____ km

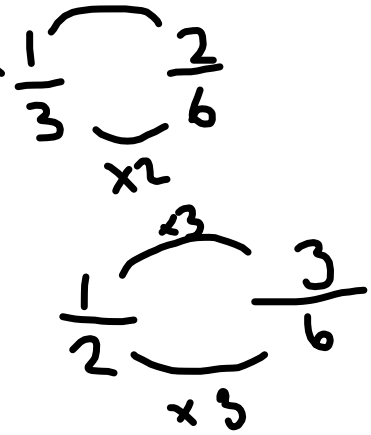
Hint: Demonstrate an Understanding of Fractions

Who ate the most pizza?

Jack ate $\frac{1}{3}$ of his pizza

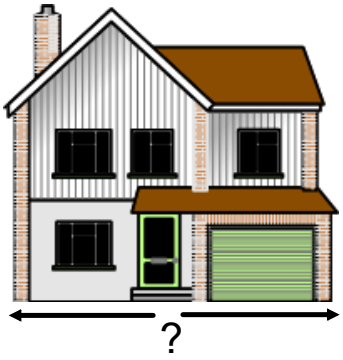
Ellie ate $\frac{2}{6}$ of her pizza

Nate ate $\frac{1}{2}$ of his pizza



Hint: Reference for Units

What is your best estimate?



25 m or 100 cm

Hint: Mental Math

Double and Halving

5 x 12 =

10 × 6 = 60

Hint: Representing Numbers to 100 000

Use the following digits to make the smallest number you can.

4,9,3,1,8

13 489

Hint: Demonstrate an Understanding of Fractions

$> \quad < \quad$ or $=$

30 30

$\frac{3}{5} \square \frac{6}{10}$

$\frac{6}{10}$