September to December Review

Hint: Representing Numbers to 100 000

Write the following number in standard form.

Sixty-three thousand six hundred twenty

Hint: One Step Equations

$$x + 7 = 10$$

Hint: Use estimation strategies

Use Front End Rounding to Estimate

78 435 + 23 456 =

Hint: Demonstrate an Understanding of Fractions

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

Hint: Mental Math

Double and Halving

5 x 8

Hint: Representing Numbers to 100 000

Write the following number in standard form.

70 000 + 8000 + 900 + 90

Hint: Use estimation strategies

Use Compatible Numbers to Estimate

43 520 - 23 445

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

$$12 + 4 = x$$

Hint: Demonstrate an Understanding of Fractions

Write an equivalent fraction for

$\frac{3}{9}$

Hint: Mental Math

Landmark or Friendly Numbers (One Away)

9 + 8 =

Hint: Representing Numbers to 100 000

Write the following number in expanded form.

56 809

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

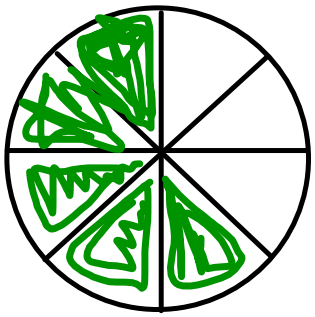
Use compatible numbers to estimate the sum of:

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?



Hint: One Step Equations

$6 + c = 14$

Hint: Mental Math

Double and Halving

6 x 20

Hint: Representing Numbers to 100 000

Write the following number in expanded form.

125 003

Hint: Use estimation strategies

Use Compensation to Estimate

780 + 456

Hint: Representing Numbers to 100 000

Write the following number in word form.

10 110

Hint: One Step Equations

Draw a model to represent the following equation

$$6 - 2 = x$$

Hint: Mental Math

Landmark or Friendly Numbers (Two Away)

18 + 7

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?

$$\frac{6}{8} = \frac{12}{16}$$

Hint: Representing Numbers to 100 000

Write the following number in word form

39 876

Hint: Mental Math

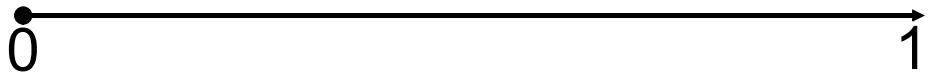
Landmark Numbers (multiples of ten)

39 + 127

Hint: Demonstrate an Understanding of Fractions

Place the following fraction on the number line below

$\frac{6}{8}$



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?

$$\frac{7}{10} = \frac{?}{20}$$

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

Mental Math

Addition: Breaking Each Number into its Place Value

23 + 56 =

Hint: Representing Numbers to 100 000

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

What is the greatest number you can make?

Hint: Demonstrate an Understanding of Fractions

Are the following fractions equivalent?

$$\frac{1}{6} = \frac{6}{14}$$

Hint: Representing Numbers to 100 000

How Much?

"How much is two hundred hundreds?"

Hint: Reference for Units

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

Hint: Mental Math

Landmark Numbers (multiples of ten)

116 + 29

Hint: Reference for Units

Make the expression true

2000 m = _____ km

Hint: Demonstrate an Understanding of Fractions

Who ate the most pizza?

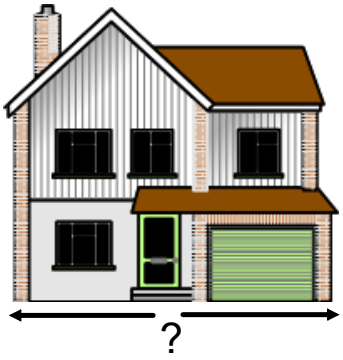
Jack ate $\frac{1}{3}$ of his pizza

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 =

Hint: Representing Numbers to 100 000

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

4,9,3,1,8

Hint: Demonstrate an Understanding of Fractions

$> \quad < \quad \text{or} \quad =$

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