

STUDENT INFORMATION SHEET

Name: _____ Date of Birth: _____

What do you see yourself doing once you graduate high school?

How do you feel about **math** and why do you feel this way?

What is your definition of a "great math teacher"?

<p>Parent/Guardian Information:</p> <p>Name: _____</p> <p>Relation: _____</p> <p>Home Telephone #: _____</p> <p>Cell phone #: _____</p> <p>Email: _____</p>	<p>Parent/Guardian Information:</p> <p>Name: _____</p> <p>Relation: _____</p> <p>Home Telephone #: _____</p> <p>Cell phone #: _____</p> <p>Email: _____</p>
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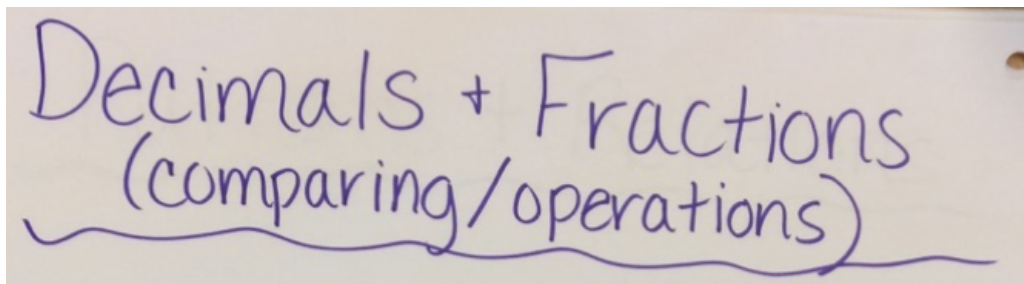
Medical Issues:

Do you have any medical conditions that I should be aware of? If so list them.

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Review of some Grade 8 topics

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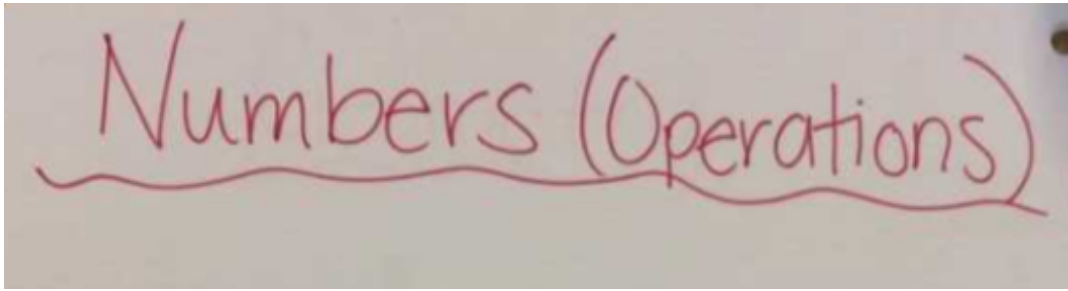
Decimals + Fractions
(comparing/operations)

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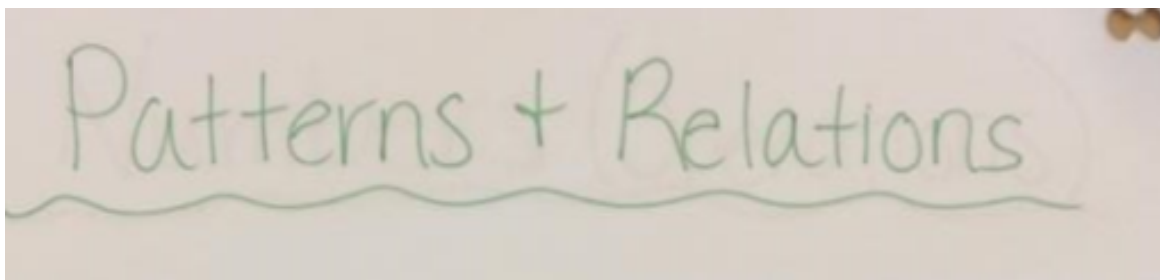
Geometry

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Numbers (Operations)

Sep 5-3:50 PM



Patterns + Relations

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Decimals + Fractions (comparing/operations)

$\frac{3}{4} = 0.75$

$\frac{6}{8} = \frac{3}{4}$ $\frac{2}{4} + \frac{3}{5} = \frac{17}{10}$

$8.07 > \frac{20}{4}$

$\frac{10}{20} + \frac{12}{20} = \frac{22}{20} = \frac{11}{10}$

$\frac{9}{10} \times \frac{4}{20} = \frac{36}{200} = \frac{9}{50}$

$\frac{5}{8}$

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Geometry

Shapes
 Circle, Triangle, Rectangle, 3D cube

Translation
Reflections
Rotation

3D cube
 5cm, 9cm

Area Volume = $5 \times 9 \times 11 = 495 \text{ cm}^3$
Area = $11 \times 5 = 55 \text{ cm}^2$

Area = $l \times w$
 Area = $l \times w$

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Numbers (Operations)

27
 0
 -27

$+ - \times \div$
 $1 \times 7 = 7$

$\begin{matrix} + & \times & - \\ \text{BEDMAS} \end{matrix}$

$-1 + (-100) =$

$19 + (7 - 8) \times 4 \div 2 = 20$

$\begin{matrix} 19 \\ + 8 \\ \hline 27 \end{matrix}$

$10\ 478\ 977 + 8 - 1 = 10\ 478\ 984$

$25 \times (25 \times 25) = 15\ 625$
 do this \uparrow

$20^2 = 400$
 \uparrow
 do this

$\sqrt{16} = 4$

$60^2 = 3600$

$16 + 9(17 - 1) - 8 \div 2 = 396$
 $25 \times 16 = 396$

$10 + 20$

Brackets $()$
 $7 - 2 = 1$
 $17 + (-8) = 9$
 $4 \div 2 = 2$
 $19 + 2 = 21$

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Patterns + Relations

Repeating $+ - \times \div$
 $3x + 4 = 16$
 Algebra

$4x + 7 = 15$
 $x = ?$

$6, 2, -2, -6, -10, -14, -18, -22, -26$

$0.1, 1, 1.9, 2.8, 3.7, 4.6, 5.5, 6.4, 7.3$

$\frac{x}{5} = \frac{15}{25}$
 $x = 3$

$1, 4, 7, 10, 13, 16, 19, 22, 25, 28, 31, 34, 37, 40$

$15 = 225$

$0, 5, 10, 15, 20, 25, 30, 35, 40$

$3, 6, 9, 12, 15, 18, 21, 24, 27, 30$

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