




# Screener Day



You can adjust the hands with your 

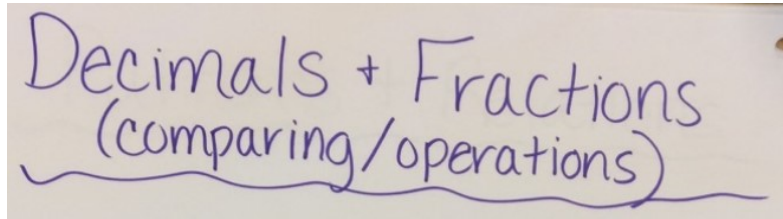
▲ ▲ ▲  
**12:07:01** AM  
▼ ▼ ▼

12:00 ▼

Pause Reset

Hide Seconds 24-Hour Clock

# Review of some Grade 8 topics



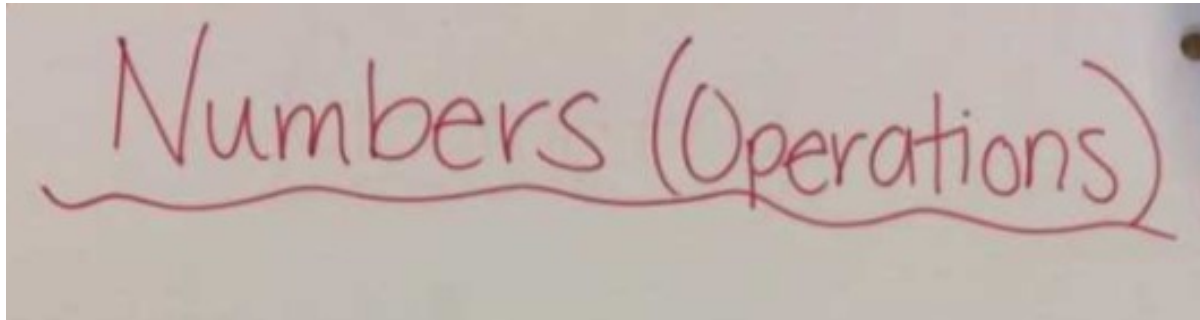
How to:

- change a decimal to a fraction

- compare decimal to a fraction

- Adding and subtracting decimals and fractions

- Multiplying and dividing decimals and fractions



Numbers (Operations)

-What is BEDMAS and how do we use it?

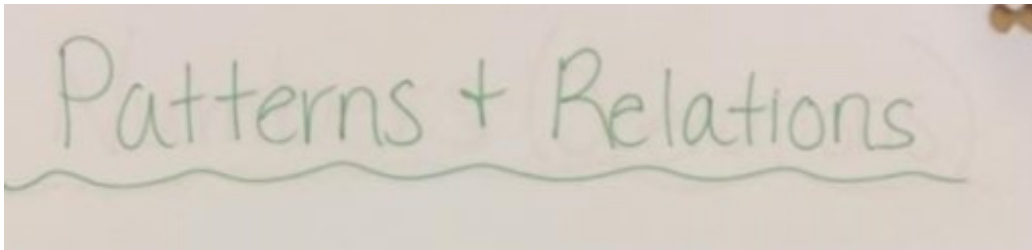
$$30 - 3 (2+5)$$

-What does an exponent do?

$$5^3$$

-What does a square root do?

$$\sqrt{36}$$



- Solving for unknowns

$$3x = 5$$

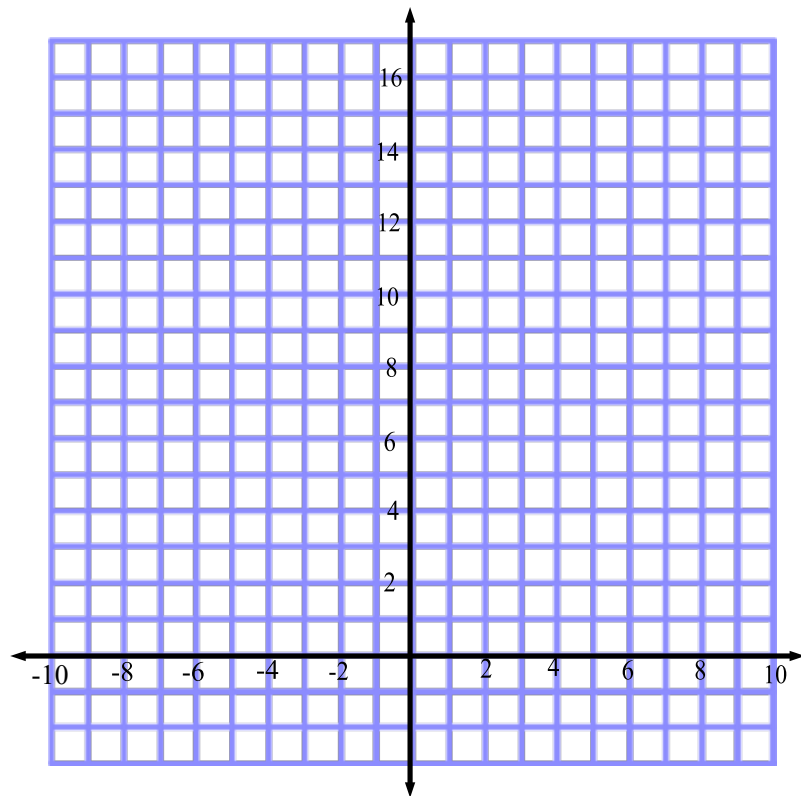
$$2x + 5 = 10$$

- representing expressions and equations

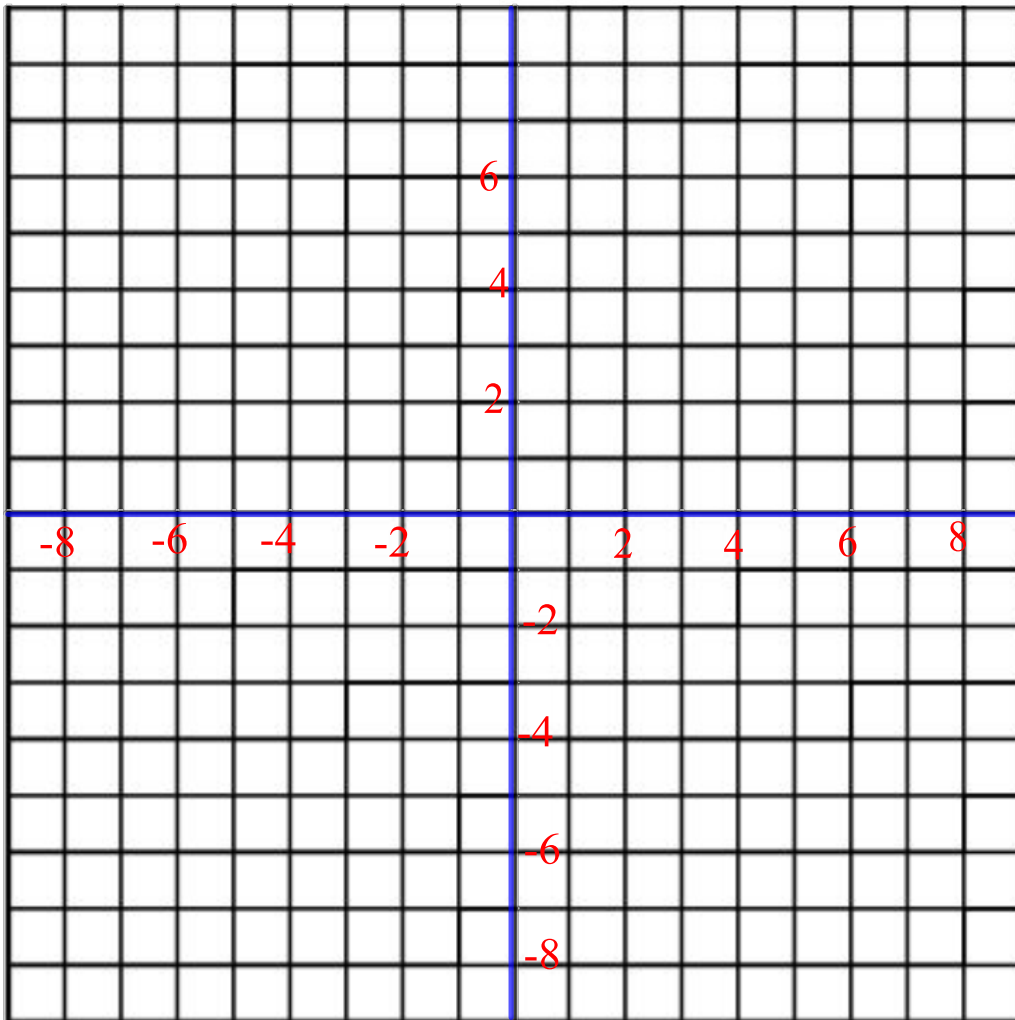
Triple a number reduced by 6

$$\underline{1.5} \quad \underline{3} \quad \underline{6} \quad \underline{\quad} \quad \underline{\quad}$$


x	y
0	5
1	10
2	15
3	—
—	—
—	—



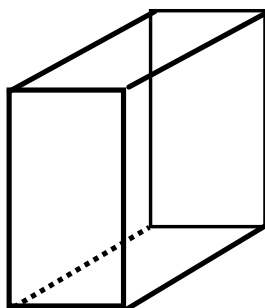
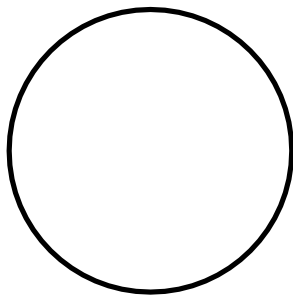
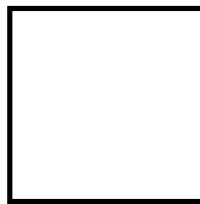
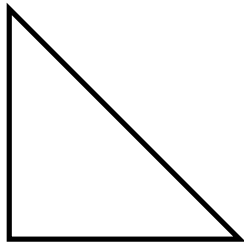
$x$	$y$
2	-4
4	-1
6	2
—	—
—	—
—	—







Geometry



Without a calculator complete the following:

1)  $\sqrt{25}$

2)  $3^2$

3)  $5 \times (-3)$

4)  $(-6) + (-4)$

5)  $7 - (-2)$

6)  $(-18) \div (3)$

7)  $5 \times 6 - 3$

8)  $-2 + 5 \times 4$

9)  $9 - (5-2) \times 4$

10)  $0.25 + 6.35$

11)  $1/4 - 1/2$

12)  $1/5 \times 4/7$

13)  $1.8 - 2.3$

14)  $1 \frac{1}{2} + 0.5$

15)  $\frac{2}{5} = \frac{x}{20}$

16)  $\frac{1}{5} = \frac{5}{x}$

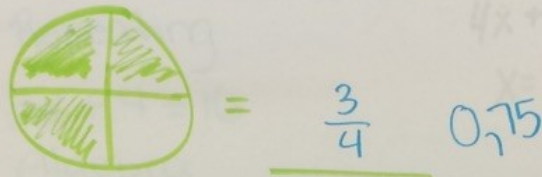
17) Solve :

$$3x + 2 = 17$$

18) Which is larger:

$$-0.32 \quad -0.3$$

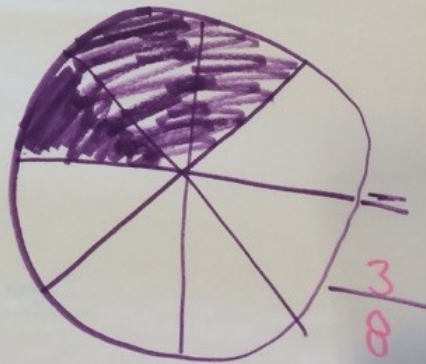
# Decimals + Fractions (comparing/operations)



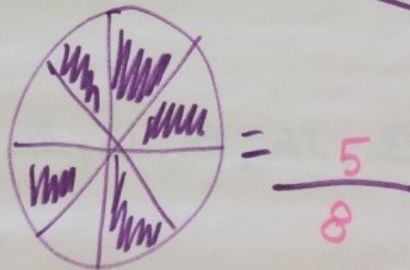
$\frac{6}{8} = \frac{3}{4}$        $\frac{2}{4} + \frac{3}{5} = \underline{\hspace{2cm}}$

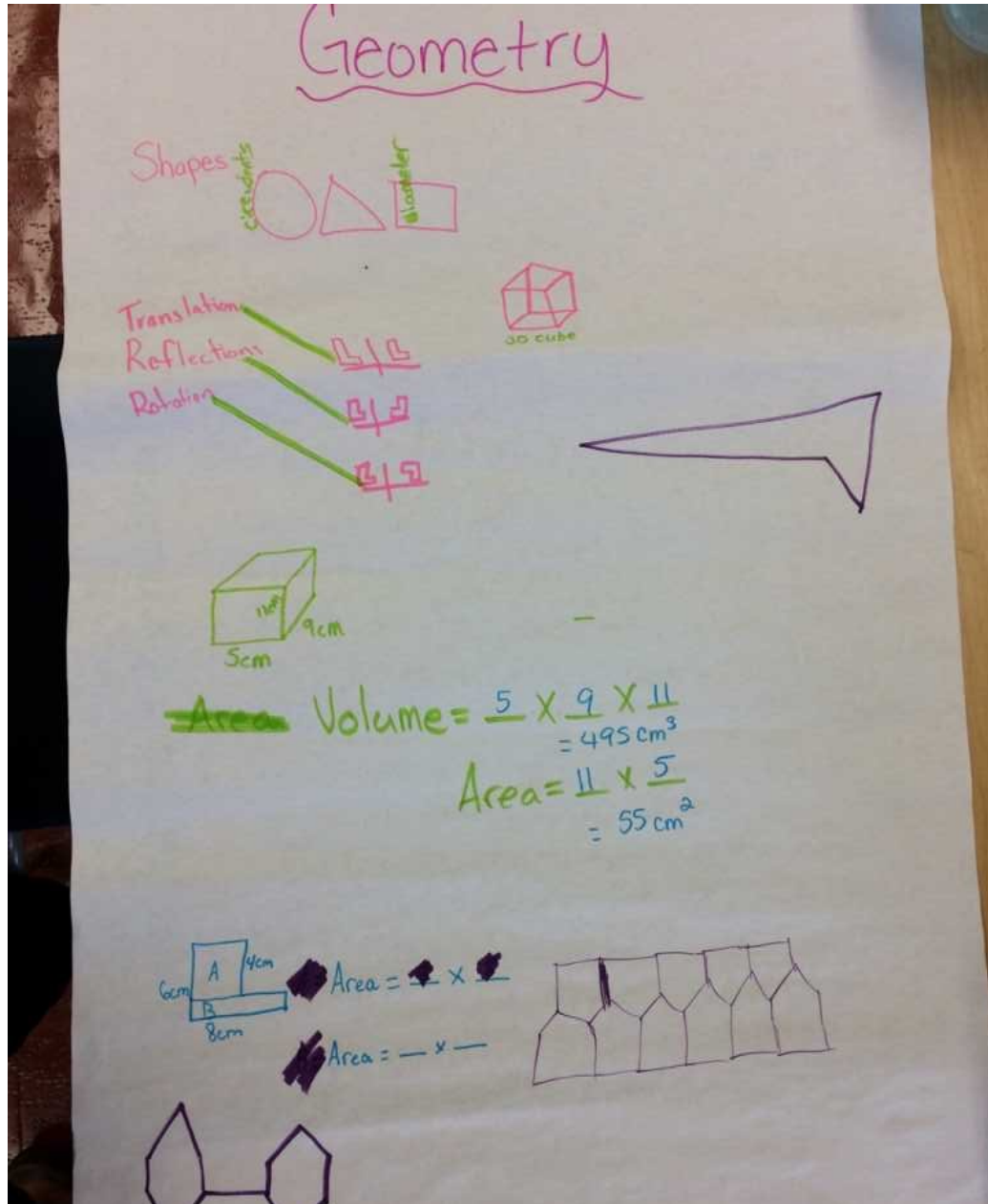
$8.07 > \frac{20}{4}$   
5

$\frac{10}{20} + \frac{12}{20} = \frac{22}{20} = 1\frac{1}{10}$



$\frac{9}{10} \times \frac{4}{20} = \underline{\hspace{2cm}}$





# Numbers (Operations)

$27$        $+ - \times \div$        $\begin{matrix} = \times + - \\ \text{BEDMAS} \end{matrix}$   
 $0$   
 $-27$        $1 \times 7 = 7$        $-1 + (-100) =$

$19 + (7 - 8) \times 4 \div 2 = \underline{20}$       Brackets ( )       $7 - 8 = -1$   
 $17 + (-1) = 16$   
 $16 \div 2 = 8$   
 $19 + 8 = 27$

$\begin{array}{r} 19 \\ + 8 \\ \hline 27 \end{array}$        $10 \ 478 \ 977 + 8 - 1 = \underline{10 \ 478 \ 984}$

$25 \times (25 \times 25) = 625$   
 do this  $\uparrow$        $15 \ 625$        $3.8$

$\sqrt{16} = 4$        $20^2 = 400$   
 $60^2 = 3600$        $\uparrow$   
 do this

$16 + 9(11 - 1) - 8 \div 2 =$   
 $25 \times 16 = 396$        $\sqrt{9} = 3$

$10 + 20$

