

Math 081 Midterm Review

① $-3 + -9 =$

② $-\frac{16}{4} =$

③ $\frac{1}{3} + \frac{9}{3} =$

④ $\frac{2}{3} + \frac{4}{5} =$

⑤ $\frac{3}{7} \div \frac{2}{5} =$

⑥ Simplify: $4x + 12 - 8x - 4$

⑦ Simplify: $5(3x-2) - 2(2x-4)$

⑧ Simplify: $-3 + 8(3-5) \div 4 + 6$

⑨ Solve: $-2x - 5 = 19$

⑩ Solve: $5x + 3 = -2x - 18$

⑪ Solve: $-2(3x - 4) = -3x + 2 + 2x - 9$

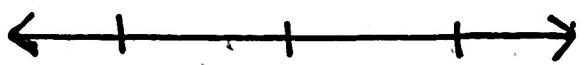
⑫ Evaluate: $3x^2 + 4x - 1$, when $x = -2$.

⑬ Solve: $\frac{x}{-3} = 4$

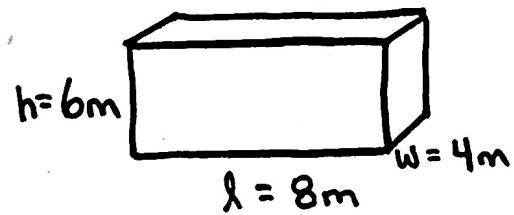
⑭ Solve and graph: $4x - 3 < 17$



⑮ Solve and graph: $-2x + 5 \geq x - 10$



⑯ The Volume of a rectangular prism is $V = lwh$
Find Volume



⑰ In a trapezoid the area formula is: $A = \frac{(b_1 + b_2)}{2} \cdot h$
Find Area

