



Name _____ Kindergarten 1A

Count as far as you can by 1's.



Name _____ Kindergarten 1B

Count as far as you can by 10's.



Name _____ Kindergarten 2A

Count on from 5.

5, _____ , _____ , _____ , _____ , _____ , _____



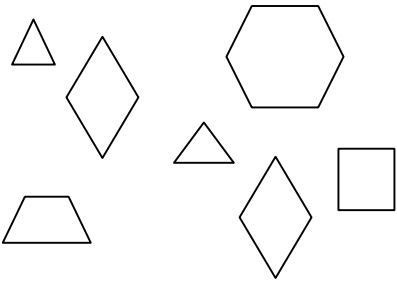
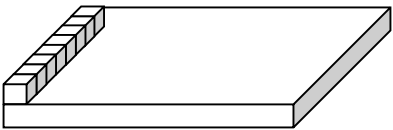
Name _____ Kindergarten 2B

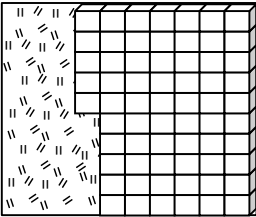
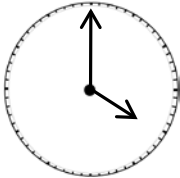

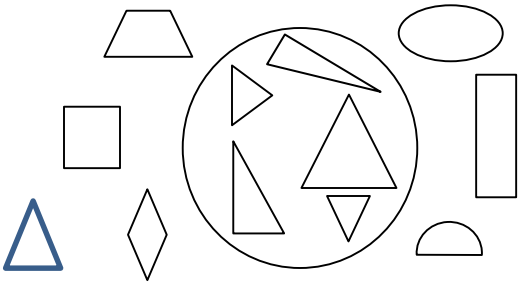
Count on from 12.

12, _____, _____, _____, _____, _____, _____, _____, _____



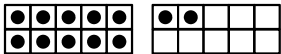
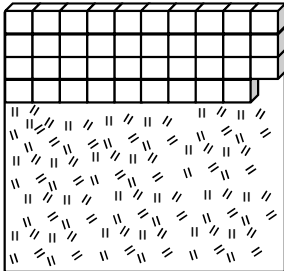
Name _____ Grade 1 Week 1

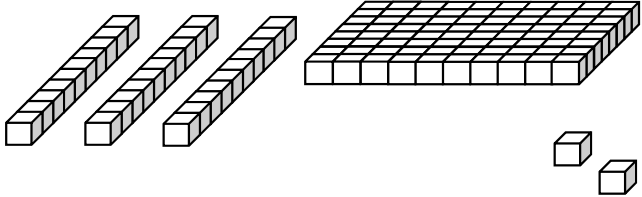

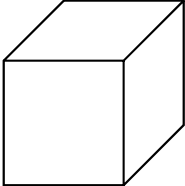
<i>Kindergarten: (22)</i>	<i>Pictorial Representation</i>	<i>Solutions</i>
Draw a triangle.		
<i>Kindergarten: (4)</i> How many?		
<i>Kindergarten: (13)</i> Using linking cubes, measure how long this paper is.		
<i>Number: (4)</i> Write the number.		hundreds _____ tens _____ ones _____
<i>Number: (7)</i> What is 10 more? 10 less? 35		

<p><i>Number: (8)</i></p> <p>Add:</p> <p>$23 + 14 =$</p>	<p><i>Pictorial Representation</i></p>	<p><i>Solutions</i></p>
<p><i>Number: (3)</i></p> <p>How many tens? How many ones?</p>		
<p><i>Operations & Algebra: (16)</i></p> <p>Which digits can you use?</p>	<p>_____ + _____ = 6</p> <p>_____ - _____ = 3</p>	
<p><i>Measurement, Data: (19)</i></p> <p>Tell the time.</p>		
<p><i>Geometry: (21)</i></p> <p>Circle the shape that fits inside the circle.</p>		



Name _____ Grade 2 Week 1

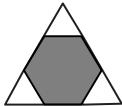
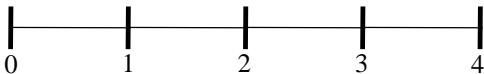


<i>Kindergarten: (11)</i>	<i>Pictorial Representation</i>	<i>Solutions</i>						
Write the number.								
<i>Grade 1: (3)</i> How many tens? How many ones?								
<i>Grade 1: (5)</i> Count by 10's.	<table border="1" style="width: 100%;"><tr><td style="text-align: center;">30</td><td style="text-align: center;">40</td><td></td><td></td><td></td><td></td></tr></table>		30	40				
30	40							
<i>Number: (2)</i> Use the digits to make number sentences: 3 5 4		$\underline{\quad} < \underline{\quad}$ $\underline{\quad} > \underline{\quad}$						
<i>Number: (7)</i> Add.		$\begin{array}{r} 37 \\ +43 \\ \hline \end{array}$						

<p><i>Number: (5)</i> Count by 2's.</p>	<p><i>Pictorial Representation</i></p>	<p><i>Solutions</i></p>
<p><i>Number: (1)</i> Write the 3-digit number for the picture of base ten blocks.</p>		
<p><i>Operations & Algebra: (13)</i> Solve: a. 10 more than 135 is... b. 10 less than 212 is...</p>		<p>a. _____ b. _____</p>
<p><i>Measurement, Data: (16)</i> Measure the line to the nearest inch.</p>		
<p><i>Geometry: (26)</i> Count the faces, vertices, and edges of the polyhedron.</p>		<p>faces _____ vertices _____ edges _____</p>



Name _____ Grade 3 Week 1

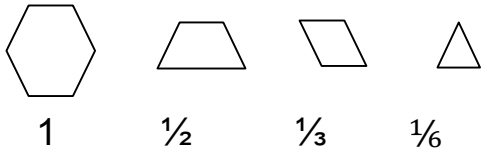
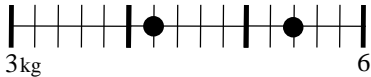
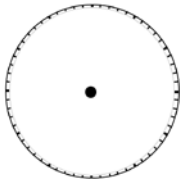
<i>Grade 1: (21)</i>	<i>Pictorial Representation</i>	<i>Solutions</i>
What's the rule for the shapes inside the circle?		
<i>Grade 2: (12)</i> Write an addition number sentence for the array.	 ____ + ____ = ____	 ____ + ____ + ____ + ____ = ____
<i>Grade 2: (6)</i> Add & Subtract	$\begin{array}{r} 27 \\ + 43 \\ \hline \end{array}$ $\begin{array}{r} 70 \\ - 27 \\ \hline \end{array}$	$\begin{array}{r} 43 \\ + \underline{\quad} \\ \hline 70 \end{array}$ $\begin{array}{r} 70 \\ - \underline{\quad} \\ \hline 27 \end{array}$
<i>Number: (3)</i> Multiply.		$2 \times 7 =$ $4 \times 7 =$ $8 \times 7 =$
<i>Number: (10)</i> Solve: $4 \overline{)28}$		

<p><i>Number: (5)</i> Name the shaded fraction.</p>	<p><i>Pictorial Representation</i></p>	<p><i>Solutions</i></p>
<p><i>Number: (8)</i> Place the fraction on the number line.</p> <p>$\frac{3}{3}$</p>		
<p><i>Operations & Algebra: (12)</i> What is the division problem?</p>		
<p><i>Measurement, Data: (26)</i> What is the perimeter of a square with 10-centimeter sides?</p>		
<p><i>Geometry: (27)</i> Which quadrilaterals can you make? 4 equal length sides</p>		



Name _____ Grade 4 Week 1

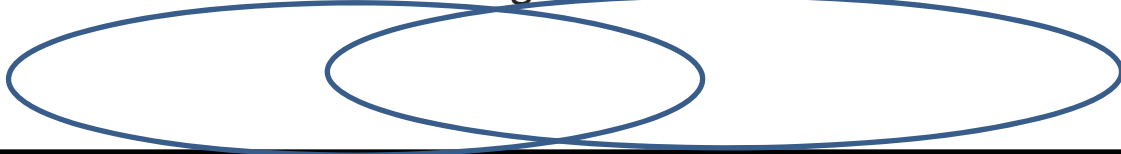
<i>Grade 2: (9)</i>	<i>Pictorial Representation</i>	<i>Solutions</i>
A bus has 50 seats. If 19 boys and 21 girls are seated on the bus, how many seats are empty?		
<i>Grade 3: (23)</i> Draw the line. 2 ³ / ₄ inches		
<i>Grade 3: (17)</i> A family needs to paint two walls. The first wall measures 12 feet by 8 feet. The second wall measures 15 feet by 8 feet but has a doorway that measures 3 feet by 7 feet. How many total square feet are to be painted?		
<i>Number: (1)</i> Write the number in words: 5,263		
<i>Number: (9)</i> Compare fractions using =, > or <		$\frac{3}{4}$ $\frac{12}{16}$

<p><i>Number: (14)</i> Sharon bought 2 dozen eggs. Driving home on a bumpy road, $\frac{1}{3}$ of the eggs broke. How many eggs did not break?</p>	<p><i>Pictorial Representation</i></p>	<p><i>Solutions</i></p>
<p><i>Number: (10)</i> Use pattern blocks to solve.</p>		<p>$\frac{1}{2} + \frac{1}{6} =$ $1 - \frac{1}{3} =$</p>
<p><i>Operations & Algebra: (20)</i></p> <p>Circle the prime numbers.</p> <p>11 12 13 14 15 16 17 18 19 20</p>		
<p><i>Measurement, Data: (25)</i></p> <p>Identify each point with a fraction.</p>  <p>Lightest _____ Heaviest _____</p> <p>Find the sum: _____</p> <p>Find the difference: _____</p>		
<p><i>Geometry: (27)</i> What is the angle measure at 1:00? What was the angle measure 1 hour ago?</p>		



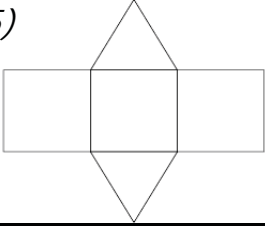
Name _____ Grade 5 Week 1

<i>Grade 3</i>	<i>Pictorial Representation</i>	<i>Solutions</i>						
784: Round the number		Closest 10 _____ Closest 100 _____ Closest 1000 _____						
<i>Grade 4:</i> The perimeter of a square is 32 centimeters. What is the area?								
<i>Grade 4:</i> Compare using <, >, or = 3086 3608								
<i>Number: (1)</i> What would be the value of a 6 written in each of the boxes?								
<table border="1" style="width: 100%;"><tr><td style="width: 15%;">600</td><td style="width: 15%;"></td><td style="width: 15%;">6</td><td style="width: 15%;"></td><td style="width: 15%;"></td><td style="width: 15%;"></td></tr></table>			600		6			
600		6						
<i>Number: (10)</i> Place <, >, or = in sentence.		$\frac{2}{5} + \frac{1}{2}$ _____ $\frac{3}{7}$						

<i>Number: (2)</i>	<i>Pictorial Representation</i>	<i>Solutions</i>
$480 = 48 \times \underline{\hspace{2cm}}$ $11,200 = 100 \times \underline{\hspace{2cm}}$		
<i>Number: (11)</i> $3 \div 4 = \underline{\hspace{2cm}}$ $4 \div 3 = \underline{\hspace{2cm}}$	Write quotients as fractions or as decimals.	
<i>Operations & Algebra: (18)</i> Place () Correctly: $120 \div 6 \times 2 = 10$		
<i>Measurement, Data: (25)</i> The sidewalk will be 6" thick by 6' wide by 9' long. How many cubic yards of concrete are needed?		
<i>Geometry: (28)</i> Where do rectangle and rhombus fit on Venn Diagram? <div style="display: flex; align-items: center; justify-content: space-between;"> <div style="text-align: center;">has 4 sides</div>  <div style="text-align: center;">has right angle</div> </div>		



Name _____ Grade 6 Week 1


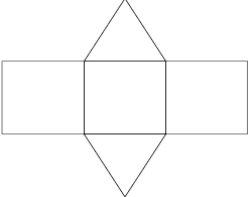
<i>Grade 4: (4)</i>	<i>Pictorial Representation</i>	<i>Solutions</i>
Add and subtract $\begin{array}{r} 567 \quad 1527 \\ + 645 \quad - 748 \\ \hline \end{array}$		
<i>Grade 5: (17)</i> How many $\frac{1}{3}$ cup servings are in 2 cups of raisins?		
<i>Grade 5: (7)</i> Solve: $32 \overline{) 3512}$		
<i>Number: (11)</i> Jay has \$20 in his wallet and owes his mother \$24. What is the difference between the two amounts?		
<i>Geometry: (35)</i>  Find the surface area of the triangular prism. The sides of the square are 4cm.		

<i>Algebra: (19)</i>	<i>Pictorial Representation</i>	<i>Solutions</i>																									
Evaluate x^3 given $x = 6$.																											
<i>Number: (4)</i> Identify the first 10 prime numbers.																											
<i>Ratio/Proportions: (30)</i> If it takes 6 hours to build 8 bird houses, how long would it take to build 12 bird house?																											
Statistics/Probability: (39) The following are the number correct for a class LtoJ quiz. Draw a histogram to represent the data.	<p># correct</p> <table> <tr><td>0</td><td>6 </td></tr> <tr><td>1</td><td>7 </td></tr> <tr><td>2 </td><td>8</td></tr> <tr><td>3 </td><td>9 </td></tr> <tr><td>4 </td><td>10</td></tr> <tr><td>5 </td><td></td></tr> </table>		0	6	1	7	2	8	3	9	4	10	5														
0	6																										
1	7																										
2	8																										
3	9																										
4	10																										
5																											
<i>Algebra: (24)</i> Given the equation $y = 3x$, circle the table of values that represents the graph.	<table border="1"> <tr><th>x</th><th>Y</th></tr> <tr><td>0</td><td>0</td></tr> <tr><td>1</td><td>3</td></tr> <tr><td>-1</td><td>2</td></tr> </table>	x	Y	0	0	1	3	-1	2	<table border="1"> <tr><th>x</th><th>Y</th></tr> <tr><td>1</td><td>3</td></tr> <tr><td>3</td><td>9</td></tr> <tr><td>5</td><td>15</td></tr> </table>	x	Y	1	3	3	9	5	15	<table border="1"> <tr><th>x</th><th>Y</th></tr> <tr><td>3</td><td>1</td></tr> <tr><td>9</td><td>3</td></tr> <tr><td>15</td><td>5</td></tr> </table>	x	Y	3	1	9	3	15	5
x	Y																										
0	0																										
1	3																										
-1	2																										
x	Y																										
1	3																										
3	9																										
5	15																										
x	Y																										
3	1																										
9	3																										
15	5																										



Name _____ Grade 7

Week 1

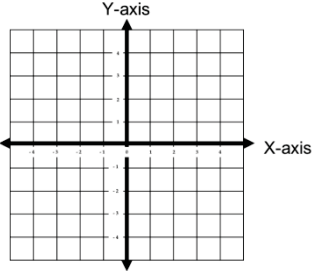
<i>Grade 4: (24)</i>	<i>Pictorial Representation</i>	<i>Solutions</i>										
Find the area of the square:  12 in												
<i>Grade 5: (2)</i> If each teacher requested 100 pencils to start the school year, how many would you need for 22 teachers?												
<i>Grade 6: (35)</i> Find the surface area of the triangular prism. The sides of the square are 4cm												
<i>Grade 6: (38)</i> Determine the mean, median, mode and range for the data set to the right.	88, 90, 90, 64, 75, 99	Mean: _____ Median: _____ Mode: _____ Range: _____										
<i>Grade 7: (12)</i> Does the table identify a proportional relationship? Why or why not?	<table border="1"> <thead> <tr> <th>Gallons of gas</th> <th>0</th> <th>1</th> <th>2</th> <th>3</th> </tr> </thead> <tbody> <tr> <td>Cost(\$)</td> <td>0</td> <td>4.24</td> <td>8.48</td> <td>12.72</td> </tr> </tbody> </table>		Gallons of gas	0	1	2	3	Cost(\$)	0	4.24	8.48	12.72
Gallons of gas	0	1	2	3								
Cost(\$)	0	4.24	8.48	12.72								

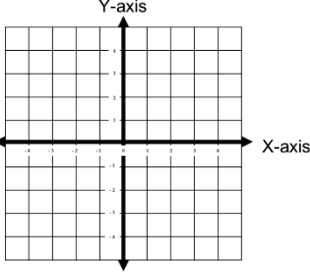
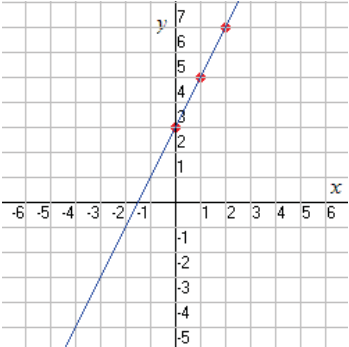
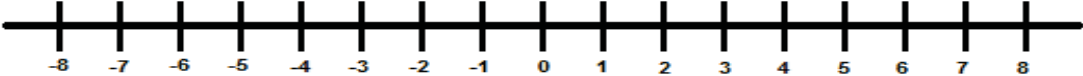
<i>Grade 7:(21)</i>	<i>Pictorial Representation</i>	<i>Solutions</i>
Solve for x . $2(x + 4) = 14$		
<i>Grade 7:(4)</i> Are the numbers to the right rational or irrational?	$\sqrt{2}$ and π	
<i>Grade 7:(42)</i> Determine the Mean Absolute Deviation for the set of data to the right.	90, 75, 85, 100, 80	
<p><i>Grade 7:(29)</i></p> <p>Determine the circumference of a circle with radius of 4 cm.</p>		
<p><i>Grade 7:(7)</i> Which properties of multiplication are being represented?</p> <p style="text-align: center;">$A(B \times C) = AB \times AC$ $A \times B = B \times A$</p> <p style="text-align: center;">_____ _____</p>		



Name _____ Grade 8

Week 1

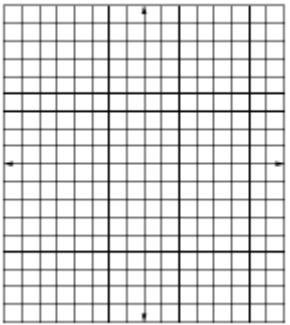
	<i>Pictorial Representation</i>	<i>Solutions</i>								
<i>Grade 4: (20)</i> List the first 10 prime numbers.										
<i>Grade 5: (21)</i> Use the equation to complete the table then graph.	<table border="1"><thead><tr><th>X</th><th>Y</th></tr></thead><tbody><tr><td>0</td><td>4</td></tr><tr><td></td><td></td></tr><tr><td></td><td></td></tr></tbody></table> $Y = 2x + 4$	X	Y	0	4					
X	Y									
0	4									
<i>Grade 6: (19)</i> Evaluate $4x^2$ when $x = 5$.										
<i>Grade 7: (6)</i> The temperatures for Juneau, Alaska last week are listed to the right. What was the average temp?	-20, -30, -19, -6, 0, 14, 19									
<i>Grade 7: (8)</i> Simplify the ratio to the right.	36 : 54									

<i>Grade 8: (22)</i>	<i>Pictorial Representation</i>	<i>Solutions</i>
Evaluate the quadratic equation $x^2 = 144$.		
<i>Grade 8 : (10)</i> Solve $V = RP$ for R .		
<i>Grade 8 : (37)</i> Sketch a graph that is linear and decreasing.		
<i>Grade 8: (34)</i> Identify the “rate of change” and write an equation to represent the graph.		
<i>Grade 8: (15)</i> Solve and graph $2y - 5 < 7$. 		



Name _____ Algebra 1

Week 1

<i>Grade 5: (18)</i>	<i>Pictorial Representation</i>	<i>Solutions</i>										
Place () Correctly: $120 \div 6 \times 2 = 10$												
<i>Grade 6: (31)</i> 8 quarts = 2 gallons So 48 quarts = __ Gallons?												
<i>Grade 7: (24)</i> Graph $y = x - 5$	<table border="1" data-bbox="768 688 926 954"><thead><tr><th>x</th><th>y</th></tr></thead><tbody><tr><td>-1</td><td></td></tr><tr><td>1</td><td></td></tr><tr><td>3</td><td></td></tr><tr><td>7</td><td></td></tr></tbody></table> 	x	y	-1		1		3		7		
x	y											
-1												
1												
3												
7												
<i>Grade 8: (26)</i> How do you determine the solution to a system of linear equations by graphing?												
<i>Grade 8: (3)</i> Estimate how much larger 7×10^8 is than 3×10^8												

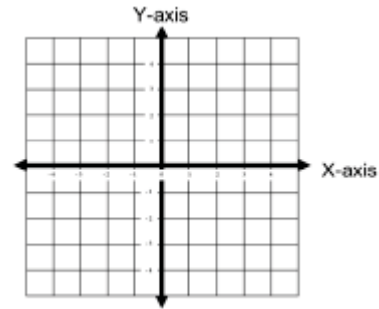
Algebra 1: (3)

Solve and explain each step:

$$2x - 4 = -3(x - 8)$$

Algebra 1: (8)

Identify the slope and y-intercept of the equation. Sketch the graph. $y = -1x + 4$



Algebra 1: (16)

The table displays Ella's height compared to age. Is it a constant rate of change?

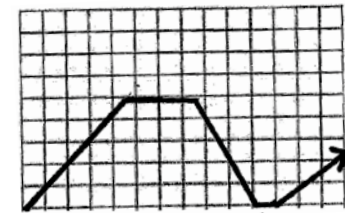
Age	4	6	8	10
Height (in)	18	30	42	48

Algebra 1: (26)

Factor the quadratic equation to find the zeros: $x^2 + x - 12$

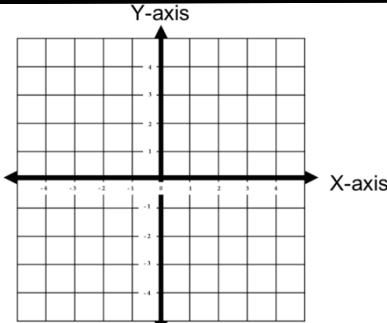
Algebra 1: (31)

The line graph displays the speed over time of a bus. Describe what is happening at the different intervals.





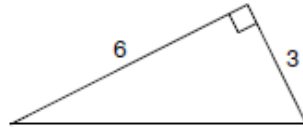
Name _____ Geometry Week 1

	<i>Pictorial Representation</i>	<i>Solutions</i>
<p><i>Grade 6: (36)</i> The vertices of a triangle are (1,2), (3,2) and (3,5). Plot them on the coordinate plane and find the area of the triangle.</p>		
<p><i>Grade 7: (36)</i> What is the probability of rolling two die and getting a sum of 7 or 11?</p>		
<p><i>Grade 8: (8)</i> Evaluate the equation $2x - 4 = 3(x - 9)$</p>		
<p><i>Algebra 1: (3)</i> <i>Solve and explain each step:</i> $2x - 4 = -3(x - 8)$</p>		
<p><i>Algebra 1: (26)</i> <i>Factor the quadratic equation to find the zeros: $x^2 + x - 12$</i></p>		

Geometry: (1) Give the precise definition of circle.

Geometry: (25)

Determine the missing length.



Geometry: (13)

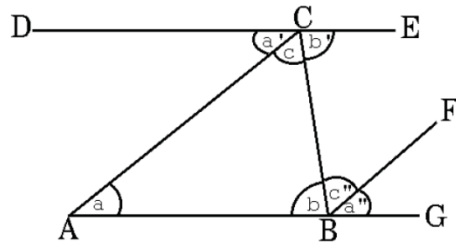
Determine the volume of a cylinder with height 13 inches and diameter of 8 inches.

$$V = \pi r^2 h$$

Geometry: (31) Find the equation of a line parallel to $y = 2x + 4$ and passes through $(2, 2)$.

Geometry: (21)

Prove that in triangle ABC found within parallel lines DE and AG, the interior angles, a , b , c sum to 180 degrees.





Name _____ Algebra 2

Week 1

<i>Grade 7: (11)</i>	<i>Pictorial Representation</i>	<i>Solutions</i>
Evaluate the proportions using algebra.	$\frac{4}{x} = \frac{12}{2}$	
<i>Grade 8: (34)</i> Simplify the polynomial.	$2x^2 + 5x^4 - 5x^2 + x^4 - 12x^3$	
<i>Algebra 1: (4)</i> Solve for z. $xyz + 4 = 20$		
<i>Geometry: (1)</i> Give the precise definition of circle.		
<i>Geometry: (31)</i> Find the equation of a line parallel to $y = 2x + 4$ and passes through $(2,2)$.		

Algebra 2: (12) Add and express in simplest form.

$$\frac{n+6}{9} + \frac{2n-1}{12}$$

Algebra 2: (46) What is x in $\log_3(x) = 5$.

Algebra 2: (38) Using $f(x) = 4x + 3$ and $g(x) = x - 2$, find $g(f(x))$.

Algebra 2: (52)

Solve the equation $4^x = 15$
using logarithms.

Algebra 2: (8) Use matrices to solve the system of equations.

$$\begin{aligned}x + y + z &= 6 \\2y + 5z &= -4 \\2x + 5y - z &= 27\end{aligned}$$