	MONDAY – Jan 25	TUESDAY – Jan 26	WEDNESDAY – Jan 27	THURSDAY – Jan 28
UNIT 1	Given the smaller triangle is dilated to get the larger triangle, what is the scale factor?	Figure A'B'C'D' is a dilation of ABCD. Find the center of dilation.	\triangle ABC is dilated by a factor of 2/3 to form \triangle XYZ. Given m \angle A = 50° and m \angle B = 100°, what is	2 m m
	K = 2	(4 ₁ 2 ₁)	m \(Z? \) A \(\frac{1}{2} \) B \(\frac{1}{2} \) M \(\frac{1}{2} \	21 and ∠3 areVEVICAN angles and their measures areCongruent ∠2 and ∠3 arelinear pairs and their measures areSupplementary
and UNIT 5	What ratio represents $\sin F$?	Factor the following: 1. a^2-64 diff of 5% . (a+8)(x-8)	5900 ft 30 Note: Figure not to smale.	Find the missing angle: $SIA \Theta = \frac{11}{15}$ A H $SIA^{-1} (11/15)$
TT 2 and	3 5 D 4 F	2. $\frac{6x}{6} - \frac{18}{6}$ GCF $6(x-3)$	Solve for x. 5900 5103 = X X = 5900 8103 $X \in [112, 733.203]$	c 11 B 0 = (47.167°
UNIT 3	A sandcastle mold is in the shape of a cylinder with a diameter of 6 in. and a height of 8 in. How much sand (to the nearest cubic inch) will fit in the mold? $V = TV^{2}h$ $= T(3)^{2}(8)$ $= 72T$ $= 72T$ $= 22(6.19510^{3})$	In the circle shown, BC is a diameter and the measure of Arc AB is 120°. What is the measure of ∠ABC?	Find the length of arc BD. 7ft 100° B 100° 217 (7) 350° - 217 (7)	**
UNIT 4	Which expression is a rational number? A. $\sqrt{10} + 16$ B. $2(\sqrt{5} + \sqrt{7})$ C. $\sqrt{9} + \sqrt{4} = 5$ D. $\sqrt{3} + 0$	Simplify: $(7x + 6) + (6x - 4)$	Let "a" be a nonzero rational # and "b" be an irrational #. Which of the following must be a rational number? If $\alpha = 2$ A $b + 0$ $\pi + 0$ b= π B. $a + a + 2 + 2 = 4$ C. $a + b + 2 + \pi$ D. $b + b + \pi + \pi$	Find the volume of a cube with the sides $(x-5)$, $(x+3)$, and $(2x+1)$. $(x-5)(x+3)$ $x^2+3x-5x-15$ $x^2-2x-15$ $(2x+1)(x^2-2x-15)$ $2x^3-4x^2-30x+x^2-2x-15$
				$2x^3 - 3x^2 - 32x - 15$