



Daily Review #327

NAME _____

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1) What is the sum of the exterior angles of a hexagon? _____

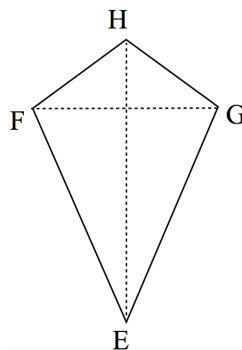
2) Solve for x : $\frac{t}{20} = 0.866$. _____

3) Fill in the blank to create a perfect-square trinomial: $x^2 - 6x + \underline{\hspace{1cm}}$. _____

4) Solve this system of equations:
$$\begin{aligned} x - 2y &= -8 \\ -3x + 3y &= -24 \end{aligned}$$

5) Write $\frac{1}{\sqrt[3]{100}}$ as a power of 10. _____

6) Calculate the area of the kite.



$FG = 3.49 \text{ cm}$

$HG = 3.49 \text{ cm}$

$EG = 6.98 \text{ cm}$

$HE = 9.79 \text{ cm}$

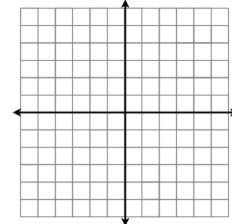
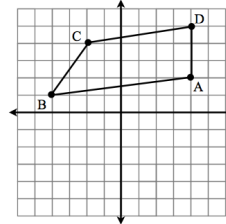


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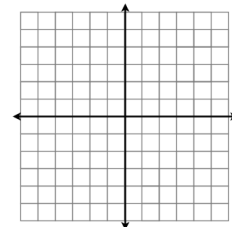
7) Draw quadrilateral $ABCD$ after it has been reflected across the x -axis, then the y -axis, then rotated 180° about the origin.



8) Simplify $2^m 3^{-m}$.

9) What is the measure of one exterior angle of a regular dodecagon?

10) Graph the equation given by $y = 2x - 3$.



11) What is the intersection point of the lines $4x - 2y = 1$ and $-4x + y = -5$?

12) If $5p^q + 3 = 13$, what does p^q equal?



The Math Institute

Led by Michael Waski



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