Math 7+: Spiral Review #9

Name _____

TI: Underline/Highlight Terms and Information
P: Problem is worked out
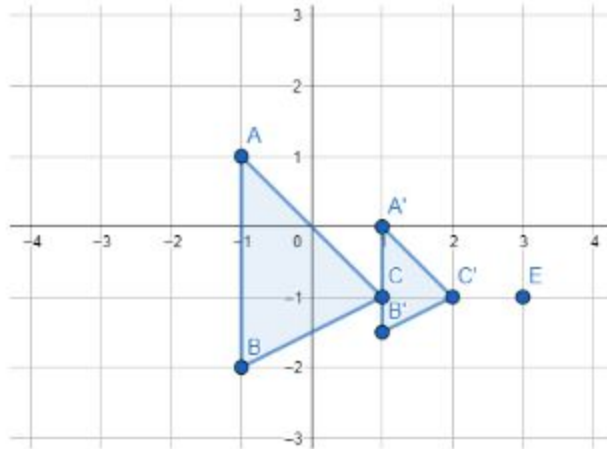S: Solution is in a complete sentence

	Make sure to follow the **TIPS** to solve the word problems:	Computation: Show all your work & circle your answer
D A Y 1	If you take $\frac{2}{3}$ c of flour from a bowl containing $2\frac{1}{2}c$ of flour, how much flour is left in the bowl?	Solve $$9(m + 2) = -6(m + 7)$$
D A Y 2	You had $235 in your savings account nine weeks ago. You withdrew the same amount each week for eight weeks. Your balance was then $75. Solve the equation **235 – 8m = 75** to find out how much money, *m*, you withdrew each week.	Solve the equation. $$4d + 2d - 3d = 27$$
D A Y 3	What is the solution of 2(2x + 3) = -3(x + 5) ? a. -7 b. - $\frac{21}{5}$ c. -3 d. $\frac{9}{7}$	Solve for k. $$\frac{7}{10}k = \frac{3}{5}$$

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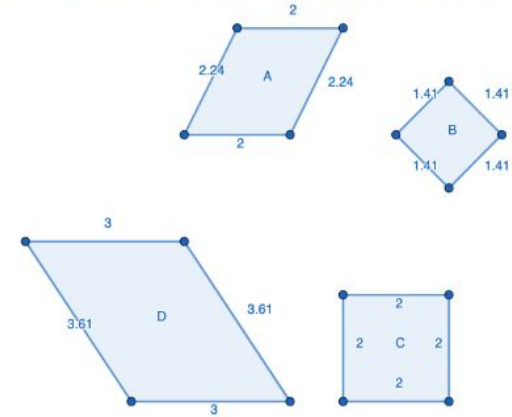
D A Y 4	Figure A'B'C' is a dilation of figure ABC centered at point E. What is the scale factor? a. 2 b. ½ c. ¼ d. 1	Four quadrilaterals are shown below. Which shapes are similar to each other? a. A and B b. B and C c. C and D d. B and D
D A Y 5	Write and solve an equation for the following situation. Four less than three times a number is three more than two times the number. What is the number?	Solve: $$\frac{2}{3}n - 6 = 22$$