

Monday, August 29

$$3x \cdot (2x)^3 = ?$$

a. $24x^4$



b. $6x^4$

c. $18x^4$

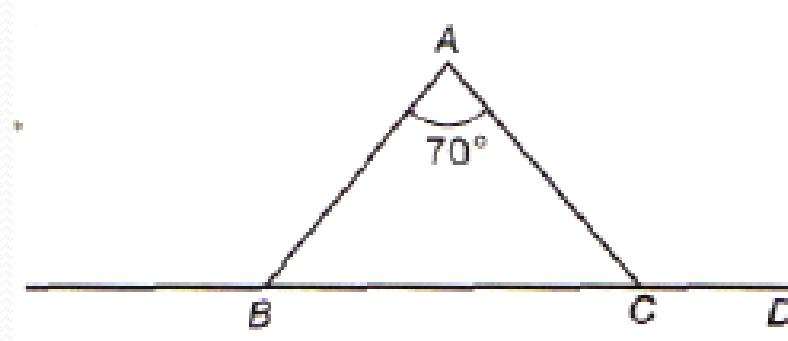
d. $24x^3$

e. $18x^3$

Tuesday, August 30

In the figure below, segment AB is congruent to segment AC and D is on line BC . What is the measure of $\angle ACD$?

- f. 35°
- g. 55°
- h. 70°
- j. 110°
- k. 125°



Wednesday, August 31

Dasom earns \$10.75 an hour in a summer job. She is saving to buy a television set that costs \$599.00. What is the least number of hours she must work, to the nearest hour, in order to save up enough to buy the television set?

- a. 54
- b. 55
- c. 56
- d. 57
- e. 60



Thursday, September 1

If $2 + \sqrt{x - 3} = 5$, then $x = ?$

f. 4

g. 6

h. 10

j. 12

k. 52



Friday, September 2

A ladder leans against a wall as shown. If the height of the wall to the top of the ladder is 10 meters and the distance from the foot of the ladder to the wall is 7 meters, which of the following equations could be use to find θ , the angle that the ladder makes with the ground?

a. $\tan \theta = 10/7$

b. $\sec \theta = 10/7$

c. $\cot \theta = 10/7$

d. $\sin \theta = 7/10$

e. $\cos \theta = 7/10$

