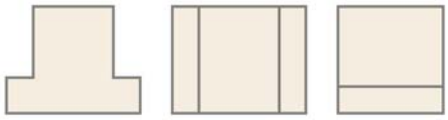
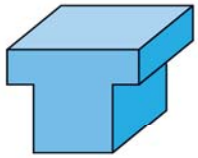
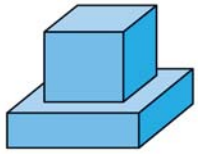
8 TAKS PRACTICE

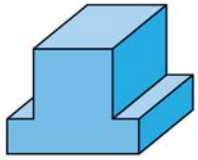
PRACTICE FOR TAKS OBJECTIVE 7

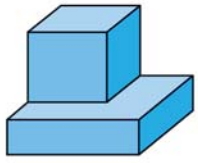
1. Match the three views of this solid to its 3-dimensional sketch.



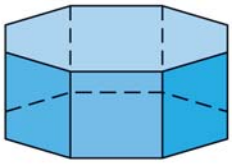
Ⓐ 

Ⓑ 

Ⓒ 

Ⓓ 

2. The drawing shows a 3-dimensional solid. Which best represents the view from the top?



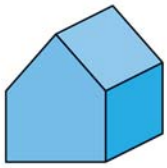
Ⓕ Hexagon

Ⓖ Nonagon

Ⓗ Octagon

Ⓙ Pentagon

3. The drawing shows a 3-dimensional solid. Which best represents the view from the front?



Ⓐ Hexagon

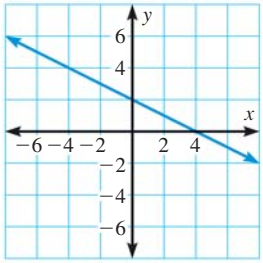
Ⓑ Pentagon

Ⓒ Rhombus

Ⓓ Trapezoid

MIXED TAKS PRACTICE

4. Using the line shown, find the equation of a second line by multiplying the slope by 2 and adding 3 to the y-intercept. *TAKS Obj. 3*



Ⓕ $y = -4x + 5$

Ⓖ $y = -x + 5$

Ⓗ $y = x + 5$

Ⓙ $y = \frac{5}{2}x + 5$

5. A poll taken of a random sample of voters before an election shows that 132 of the 400 people surveyed plan to vote for candidate A. If 12,000 people vote in the election, how many people do you predict will vote for candidate A based on the poll? *TAKS Obj. 9*

Ⓐ 2096

Ⓑ 2640

Ⓒ 3330

Ⓓ 3960