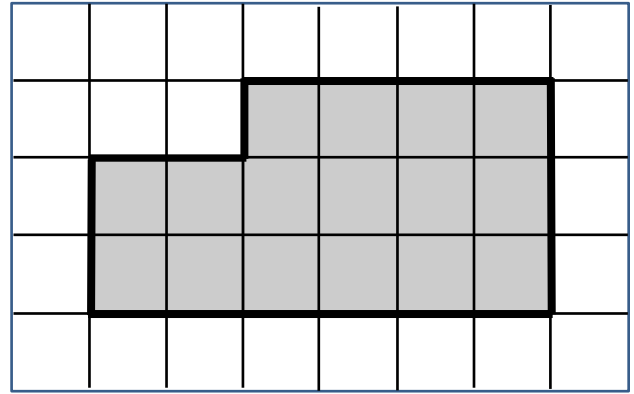


# 6<sup>th</sup> Grade Geometry Progress: Spring

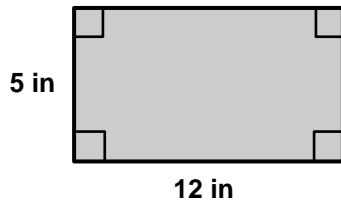
Questions 1-3: Select the correct number and label for each question.

1. Find the perimeter of the shaded polygon.



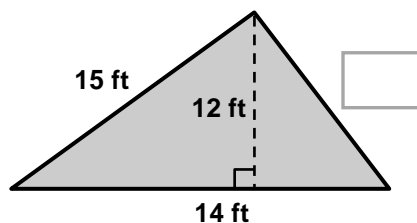
- 18                       22                       16                       21  
 Units                       Square Units                       Cubic Units

2. Find the perimeter of the shaded rectangle. (Note: The figure is not drawn to scale.)



- 17                       30                       60                       34  
 in                       in<sup>2</sup>                       in<sup>3</sup>

3. The perimeter of the shaded triangle is 42 ft. Find the length of the unknown side.  
(Note: The figure is not drawn to scale.)



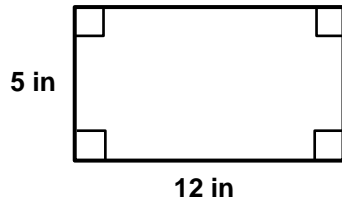
- 1                       30                       13                       84  
 ft                       ft<sup>2</sup>                       ft<sup>3</sup>



Please stop, put your pencil down and wait for the next directions.

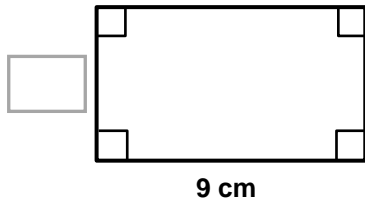
**Questions 4-6:** Select the correct number and label for each question.

**4.** Find the area of the rectangle. *(Note: The figure is not drawn to scale.)*



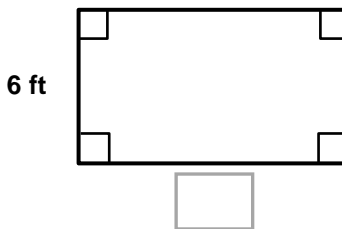
- |                          |                                       |                                       |                          |
|--------------------------|---------------------------------------|---------------------------------------|--------------------------|
| <input type="radio"/> 17 | <input type="radio"/> 30              | <input type="radio"/> 60              | <input type="radio"/> 44 |
| <input type="radio"/> in | <input type="radio"/> in <sup>2</sup> | <input type="radio"/> in <sup>3</sup> |                          |

**5.** The perimeter of the rectangle is 26 cm. What is the missing width?  
*(Note: The figure is not drawn to scale.)*



- |                          |                                       |                                       |                         |
|--------------------------|---------------------------------------|---------------------------------------|-------------------------|
| <input type="radio"/> 4  | <input type="radio"/> 8               | <input type="radio"/> 16              | <input type="radio"/> 3 |
| <input type="radio"/> cm | <input type="radio"/> cm <sup>2</sup> | <input type="radio"/> cm <sup>3</sup> |                         |

**6.** The area of the rectangle is 72 ft<sup>2</sup>. What is the missing length?  
*(Note: The figure is not drawn to scale.)*



- |                          |                                       |                                       |                          |
|--------------------------|---------------------------------------|---------------------------------------|--------------------------|
| <input type="radio"/> 66 | <input type="radio"/> 60              | <input type="radio"/> 30              | <input type="radio"/> 12 |
| <input type="radio"/> ft | <input type="radio"/> ft <sup>2</sup> | <input type="radio"/> ft <sup>3</sup> |                          |



Please stop, put your pencil down and wait for the next directions.

Questions 7-9: Select the correct answer for each question.

7. Which figure represents an angle?

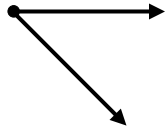


Figure A

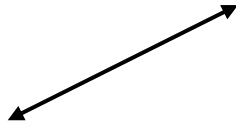


Figure B



Figure C

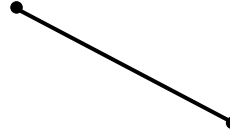


Figure D



Figure E

- Figure A    
  Figure B    
  Figure C    
  Figure D    
  Figure E

8. Which figure represents an obtuse angle?



Figure A

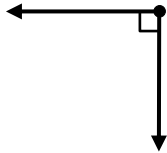


Figure B

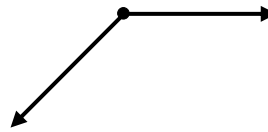


Figure C

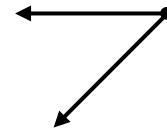


Figure D

- Figure A    
  Figure B    
  Figure C    
  Figure D

9. Which figure appears to represent perpendicular lines?

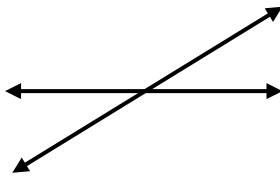


Figure A

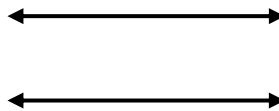


Figure B

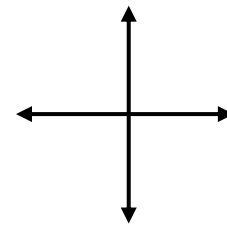


Figure C

- Figure A    
  Figure B    
  Figure C



Please stop, put your pencil down and wait for the next directions.

Questions 10-12: Select the correct answer for each question.

**10.** Which figure appears to have sides that appear perpendicular?

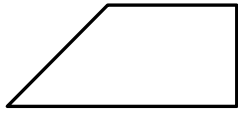


Figure A

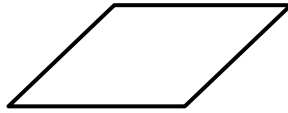


Figure B

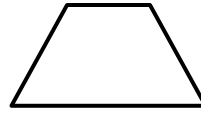


Figure C

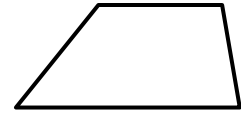
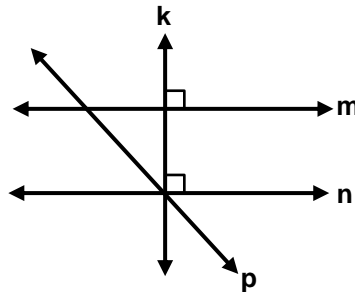


Figure D

- Figure A     
  Figure B     
  Figure C     
  Figure D

**11.** Which pair of lines are perpendicular to each other?



- k and p     
  n and p     
  m and n     
  k and n

**12.** Which figure appears to contain an obtuse angle?

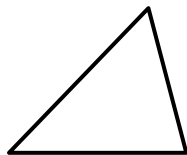


Figure A

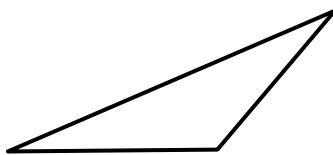


Figure B

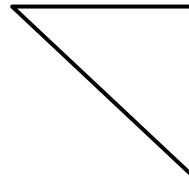


Figure C



Figure D

- Figure A     
  Figure B     
  Figure C     
  Figure D



Please stop, put your pencil down and wait for the next directions.



# 6<sup>th</sup> Grade Geometry Progress: Spring

(continued)

**Questions 13-15:** Select the correct answers for each question.

**13.** Select the name of each shape that can be drawn with at least 2 obtuse angles?

- Rectangles                       Parallelograms                       Squares  
 Acute Triangles                       Obtuse Triangles                       Right Triangles

**14.** Select the name of each shape that can be drawn with zero pairs of parallel sides?

- Rectangles                       Parallelograms                       Squares  
 Acute Triangles                       Obtuse Triangles                       Right Triangles

**15.** Select the name of each shape that can be drawn with zero pairs of perpendicular sides?

- Rectangles                       Parallelograms                       Squares  
 Acute Triangles                       Obtuse Triangles                       Right Triangles



Please stop, put your pencil down and wait for the next directions.