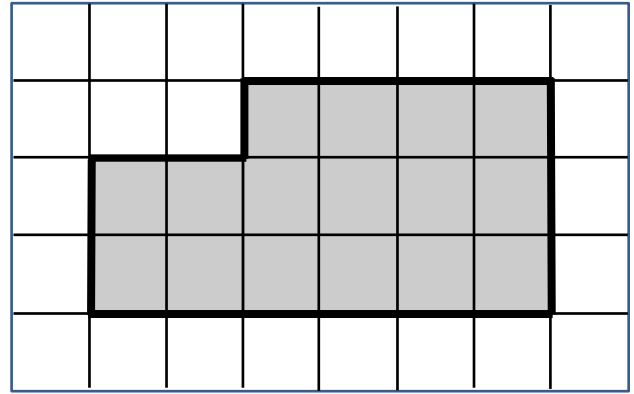


# 6<sup>th</sup> Grade Geometry Progress: Winter

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

1. Find the perimeter of the shaded polygon.


 18

 22

 16

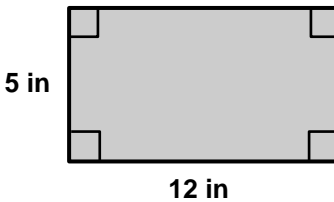
 21

 Units

 Square Units

 Cubic Units

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


 17

 30

 60

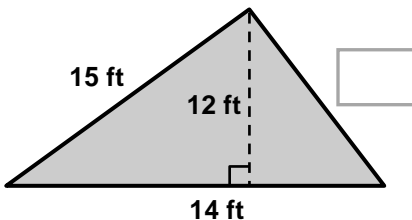
 34

 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

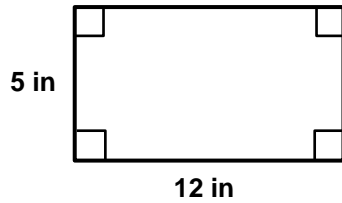
 ft

 ft<sup>2</sup>
 ft<sup>3</sup>


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

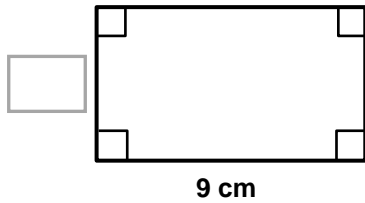
Questions 4-6: Select the correct number and label for each question.

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



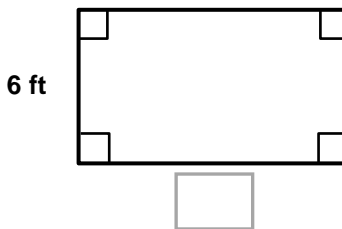
- 17                       30                       60                       44  
 in                           in<sup>2</sup>                       in<sup>3</sup>

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



- 4                           8                           16                       3  
 cm                       cm<sup>2</sup>                       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.)*



- 66                       60                       30                       12  
 ft                           ft<sup>2</sup>                       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?

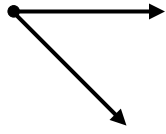


Figure A

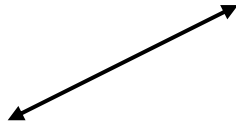


Figure B



Figure C

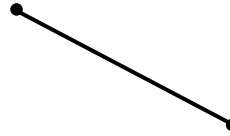


Figure D



Figure E

Figure A

Figure B

Figure C

Figure D

Figure E

8. Which figure represents an obtuse angle?



Figure A

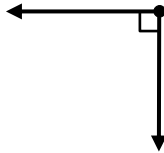


Figure B

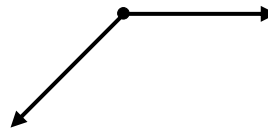


Figure C

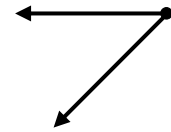


Figure D

Figure A

Figure B

Figure C

Figure D

9. Which figure appears to represent perpendicular lines?

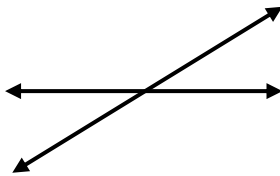


Figure A

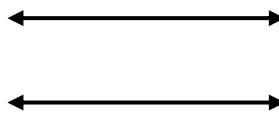


Figure B

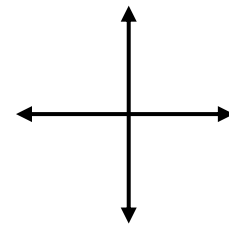


Figure C

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 two sets of parallel sides?

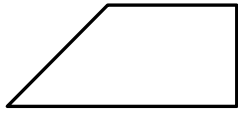


Figure A

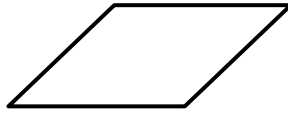


Figure B

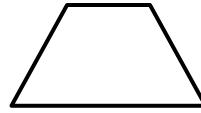


Figure C

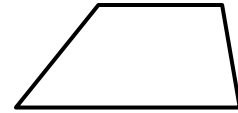
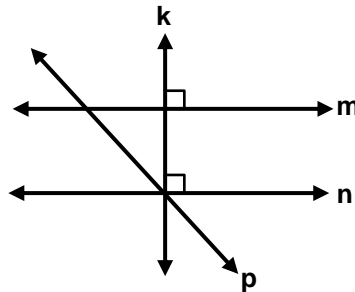


Figure D

- 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?

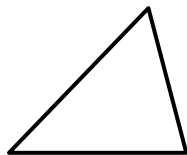


Figure A

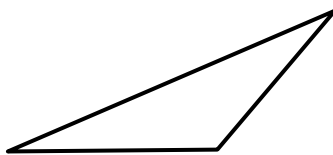


Figure B

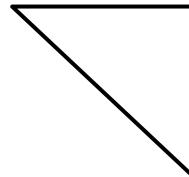


Figure C



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: Winter

(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.