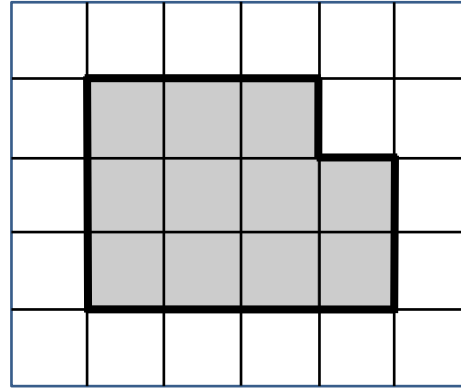


6th Grade Geometry: Spring Readiness

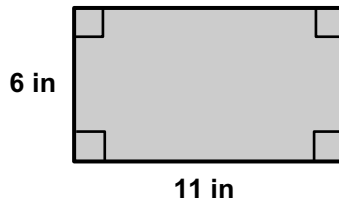
Questions 1-3: Select the correct number and label for each question.

1. Find the perimeter of the shaded polygon.



- 18 17 11 14
 Units Square Units Cubic Units

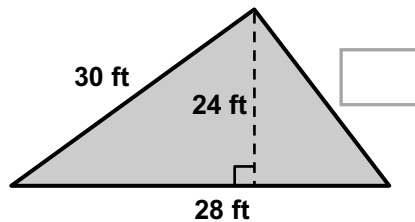
2. Find the perimeter of the shaded rectangle. (Note: The figure is not drawn to scale.)



- 17 33 34 66
 in in² in³

3. The perimeter of the shaded triangle is 84 ft. Find the length of the unknown side.

(Note: The figure is not drawn to scale.)



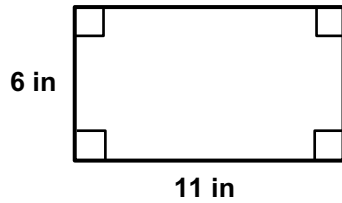
- 26 2 64 336
 ft ft² ft³



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

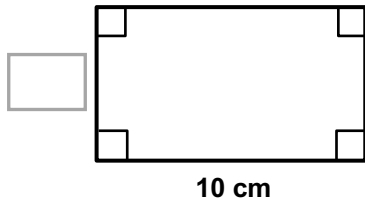
Questions 4-6: Select the correct number and label for each question.

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



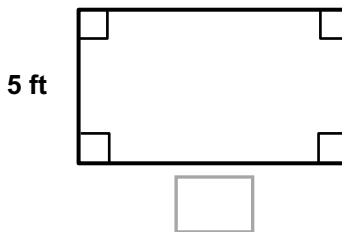
- 17 66 33 34
 in in² in³

5. The perimeter of the rectangle is 28 cm. What is the missing width?
(Note: The figure is not drawn to scale.)



- 2.8 8 20 4
 cm cm² cm³

6. The area of the rectangle is 80 ft². What is the missing length?
(Note: The figure is not drawn to scale.)



- 35 16 70 75
 ft ft² ft³



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 a ray?

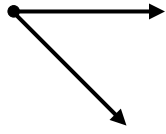


Figure A

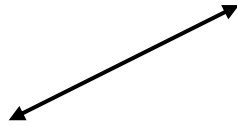


Figure B



Figure C

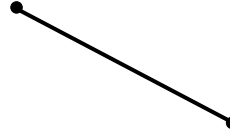


Figure D



Figure E

- Figure A
 Figure B
 Figure C
 Figure D
 Figure E

8. Which figure represents an acute angle?



Figure A

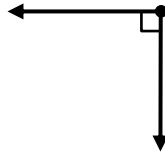


Figure B

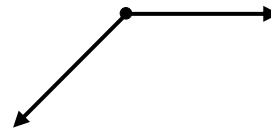


Figure C

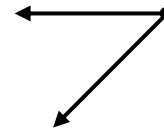


Figure D

- Figure A
 Figure B
 Figure C
 Figure D

9. Which figure appears to represent parallel lines?

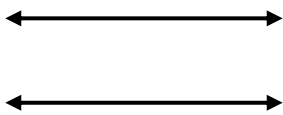


Figure A

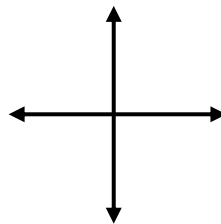


Figure B

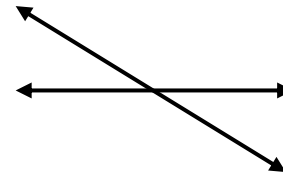


Figure C

- 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 are perpendicular?

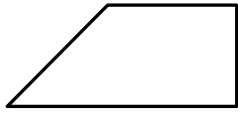


Figure A

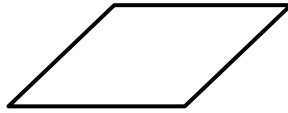


Figure B

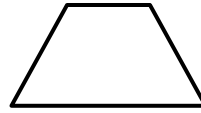


Figure C

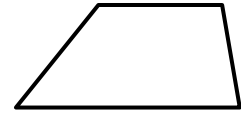


Figure D

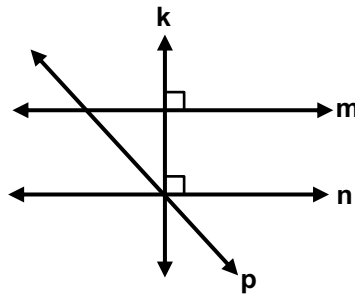
Figure A

Figure B

Figure C

Figure D

11. Which pair of lines are parallel to each other?



k and m

n and p

m and n

m and p

12. Which figure appears to contain three acute angles?

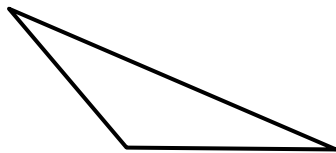


Figure A

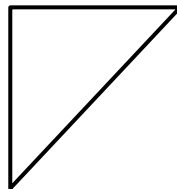


Figure B



Figure C

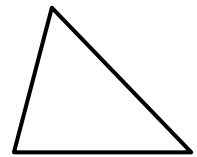


Figure D

Figure A

Figure B

Figure C

Figure D



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

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 acute angles?

Rectangles

Parallelograms

Squares

Acute Triangles

Obtuse Triangles

Right Triangles

14. Select the name of each shape that can be drawn with at least one pair 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.