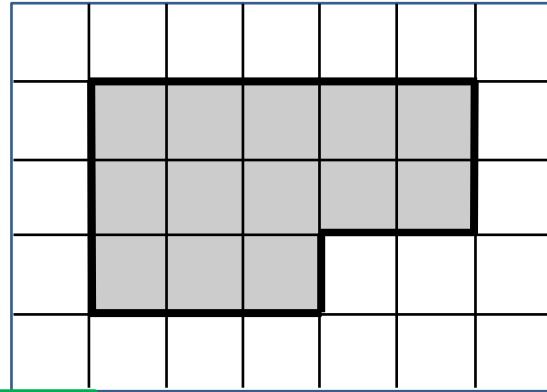


6th Grade Geometry: Winter Readiness

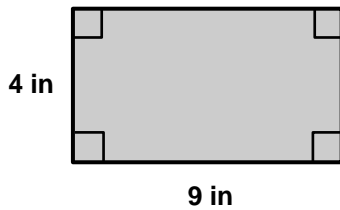
Questions 1-3: Select the correct number and label for each question.

1. Find the perimeter of the shaded polygon.



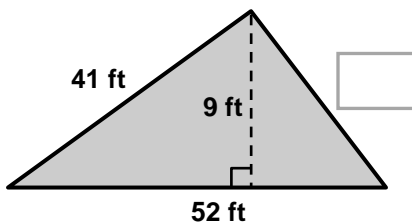
- 13 19 16 20
 Units Squared Units Cubed Units

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



- 36 26 13 18
 in in² in³

3. The perimeter of the shaded triangle is 108 ft. Find the length of the unknown side.
(Note: The figure is not drawn to scale.)



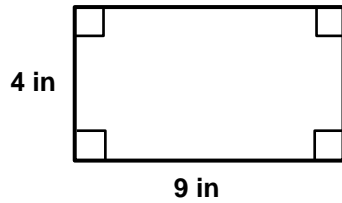
- 6 67 56 15
 ft ft² ft³



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

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

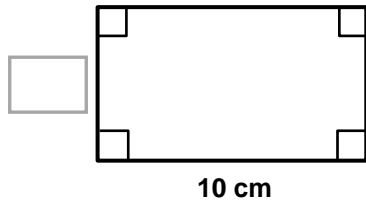
4. Find the area of the rectangle. *(Note: The figure is not drawn to scale.)*



- 13 18 26 36
 in in² in³

5. The perimeter of the rectangle is 30 cm. What is the missing width?

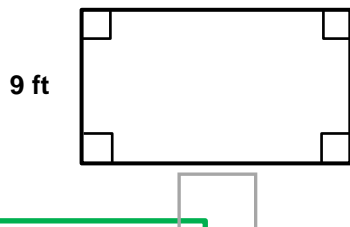
(Note: The figure is not drawn to scale.)



- 3 5 10 20
 cm cm² cm³

6. The area of the rectangle is 108 ft². What is the missing length?

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



- 12 45 90 99
 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 line?

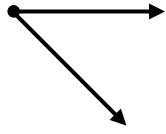


Figure A

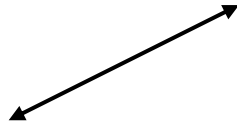


Figure B



Figure C

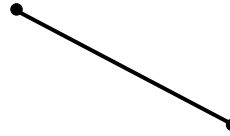


Figure D



Figure E

- Figure A
 Figure B
 Figure C
 Figure D
 Figure E

8. Which figure represents an obtuse angle?

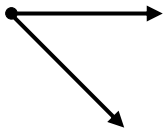


Figure A

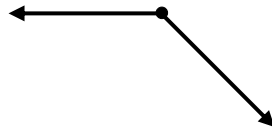


Figure B

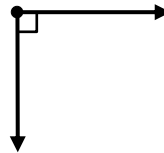


Figure C



Figure D

- Figure A
 Figure B
 Figure C
 Figure D

9. Which figure appears to represent perpendicular lines?

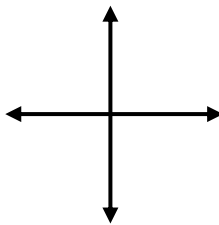


Figure A

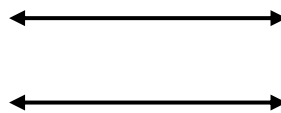


Figure B

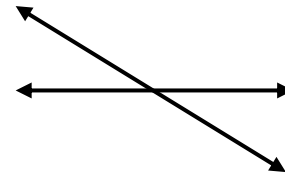


Figure C

- 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?

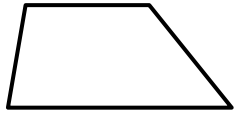


Figure A

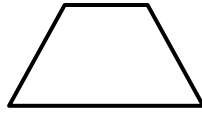


Figure B

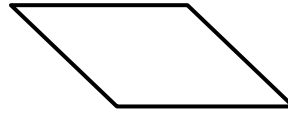


Figure C

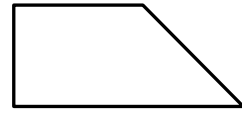


Figure D

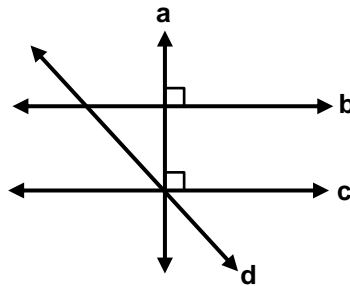
Figure A

Figure B

Figure C

Figure D

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



a and c

b and d

b and c

a and d

12. Which figure appears to contain an obtuse angle?

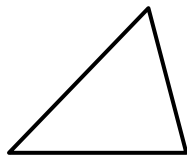


Figure A

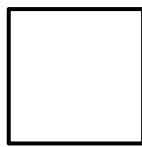


Figure B

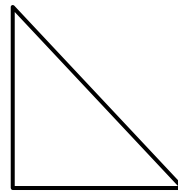


Figure C

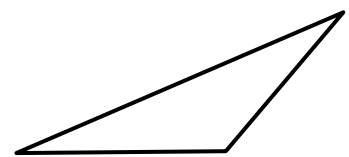


Figure D

Figure A

Figure B

Figure C

Figure D



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



6th Grade Geometry Readiness: Winter

(continued)

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

13. Identify all of the shapes that can be drawn with at least 1 obtuse angle?

- Rectangles
- Parallelograms
- Squares
- Acute Triangles
- Obtuse Triangles
- Right Triangles

14. Identify all of the shapes that can be drawn with at least one pair of perpendicular sides?

- Rectangles
- Parallelograms
- Squares
- Acute Triangles
- Obtuse Triangles
- Right Triangles

15. Identify all of the shapes that can be drawn with exactly two pair of parallel sides?

- Rectangles
- Parallelograms
- Squares
- Acute Triangles
- Obtuse Triangles
- Right Triangles



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