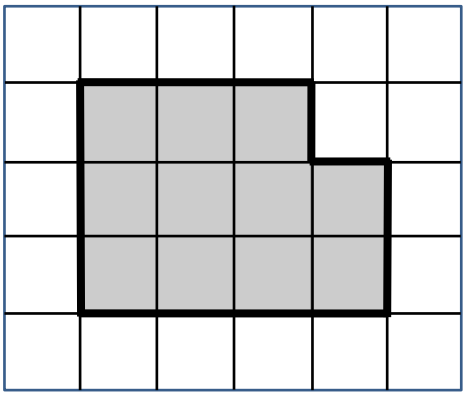
Name _____ Date _____

6th Grade Geometry: Spring Readiness

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

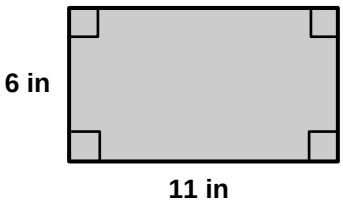
1. Find the perimeter of the shaded polygon.



○ 18 ○ 17 ○ 11 ○ 14

○ Units ○ Square Units ○ Cubic Units

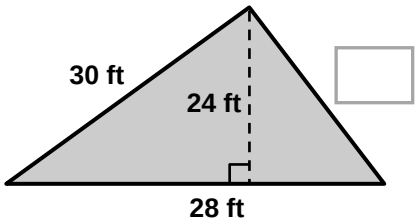
2. Find the perimeter of the shaded rectangle. *(Note: The figure is not drawn to scale.)*



○ 17 ○ 33 ○ 34 ○ 66

○ in ○ in^2 ○ in^3

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 ○ ft^2 ○ ft^3

STOP

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

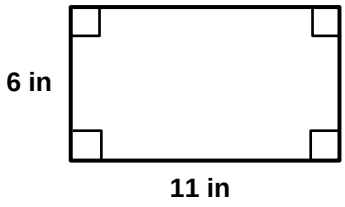
Number Correct = _____

6th Grade Geometry Readiness: Spring

(continued)

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

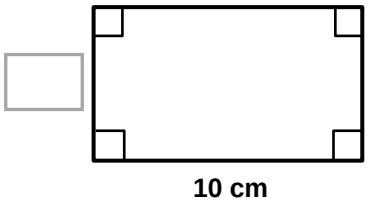
4. Find the area of the rectangle. *(Note: The figure is not drawn to scale.)*



○ 17 ○ 66 ○ 33 ○ 34

○ in ○ in^2 ○ in^3

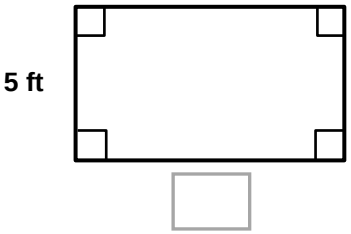
5. The perimeter of the rectangle is 28 cm. What is the missing width?
(Note: The figure is not drawn to scale.)



○ 2.8 ○ 8 ○ 20 ○ 4

○ cm ○ cm^2 ○ cm^3

6. The area of the rectangle is 80 ft^2. What is the missing length?
(Note: The figure is not drawn to scale.)



○ 35 ○ 16 ○ 70 ○ 75

○ ft ○ ft^2 ○ ft^3

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

Number Correct = _____

6th Grade Geometry Readiness: Spring

(continued)

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

7. Which figure represents a ray?

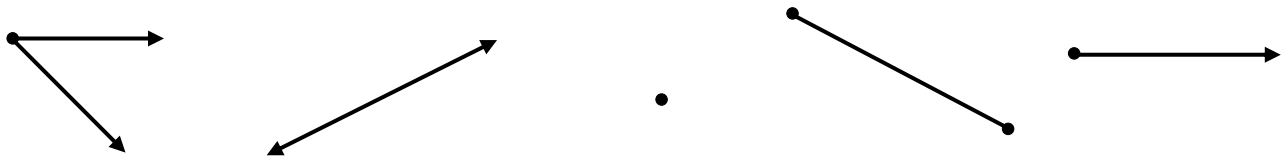


Figure A **Figure B** **Figure C** **Figure D** **Figure E**

○ Figure A ○ Figure B ○ Figure C ○ Figure D ○ Figure E

8. Which figure represents an acute angle?

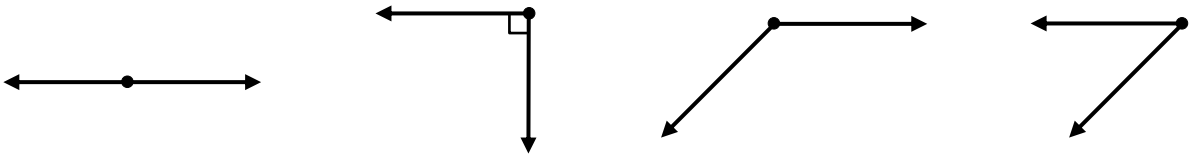


Figure A **Figure B** **Figure C** **Figure D**

○ Figure A ○ Figure B ○ Figure C ○ Figure D

9. Which figure appears to represent parallel lines?

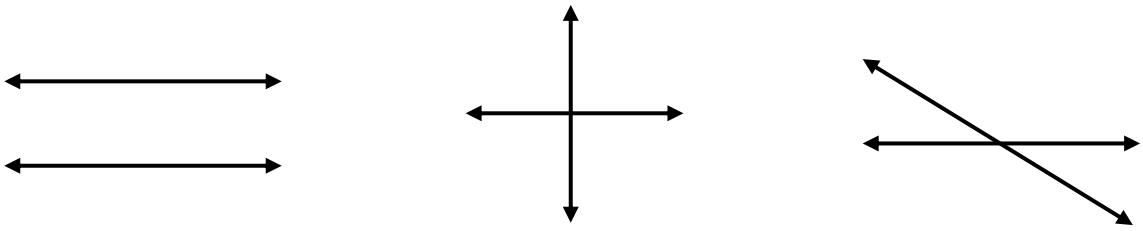


Figure A **Figure B** **Figure C**

○ Figure A ○ Figure B ○ Figure C

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

Number Correct = _____

6th Grade Geometry Readiness: Spring

(continued)

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

10. Which figure appears to have sides that are perpendicular?

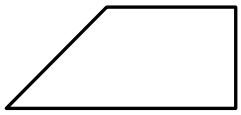


Figure A

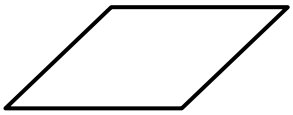


Figure B

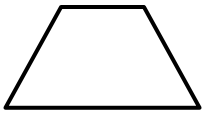


Figure C

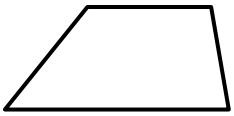
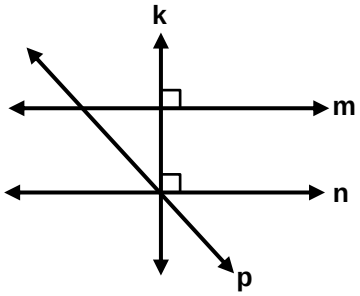


Figure D

○ 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 contains three acute angles?

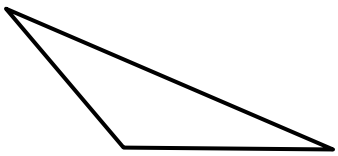


Figure A

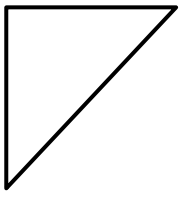


Figure B

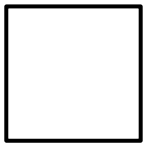


Figure C

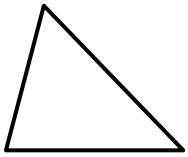


Figure D

○ Figure A ○ Figure B ○ Figure C ○ Figure D

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

Number Correct = _____

6th Grade Geometry Readiness: 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 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.

Number Correct = _____