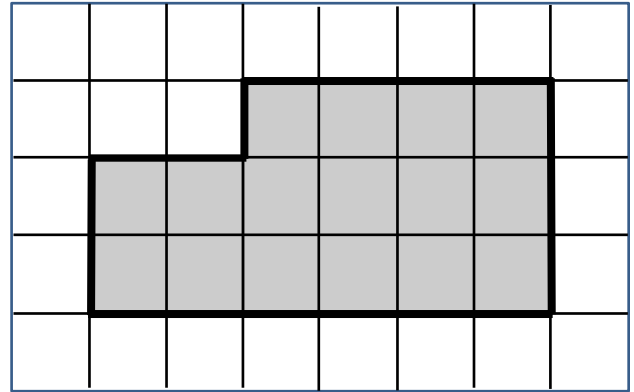# 6th Grade Geometry: Fall Progress
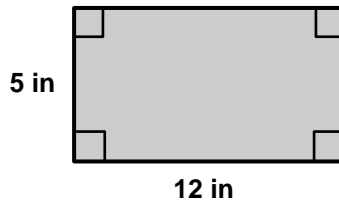
Questions 1-3: Select the correct number and label for each question.

1. Find the perimeter of the shaded polygon.
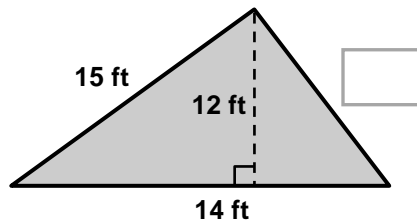
○ 18   ○ 22   ○ 16   ○ 21

○ Units   ○ Squared Units   ○ Cubed Units

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

5 in

12 in

○ 17   ○ 30   ○ 60   ○ 34

○ in   ○ in²   ○ in³

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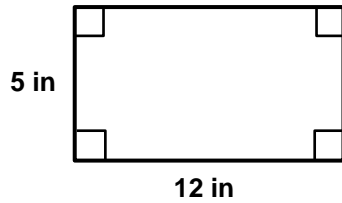*(Note: The figure is not drawn to scale.)*

15 ft

12 ft

14 ft

○ 1   ○ 30   ○ 13   ○ 84

○ ft   ○ ft²   ○ ft³

STOP

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

© OAISD, January 2024   **Number Correct = _____**

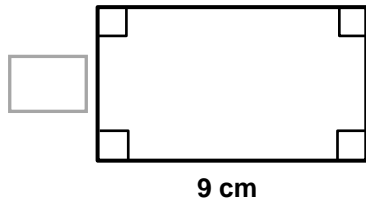# 6th Grade Geometry Progress: Fall

(continued)

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

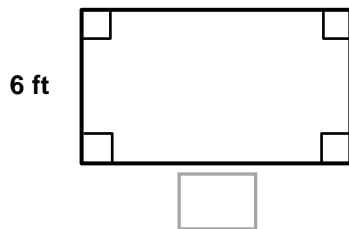**4.** Find the area of the rectangle. *(Note: The figure is not drawn to scale.)*

5 in

12 in

○ 17   ○ 30   ○ 60   ○ 44

○ in   ○ in^2 ○ in^3

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

9 cm

○ 4   ○ 8   ○ 16   ○ 3

○ cm   ○ cm^2 ○ cm^3

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

6 ft

○ 66   ○ 60   ○ 30   ○ 12

○ ft   ○ ft^2 ○ ft^3

STOP

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

6th Grade Geometry Progress: Fall

(continued)

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

7. Which figure represents an angle?
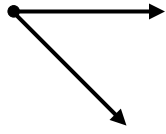
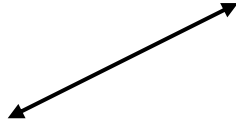Figure A   Figure B   Figure C   Figure D   Figure E
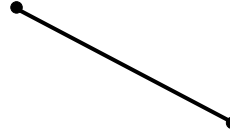
○ Figure A   ○ Figure B   ○ Figure C   ○ Figure D   ○ Figure E
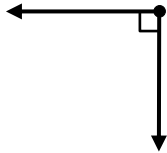
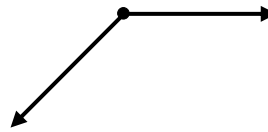**8.** Which figure represents an obtuse angle?
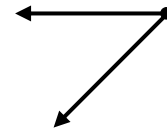
Figure A   Figure B   Figure C   Figure D

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

9. Which figure appears to represent perpendicular lines?
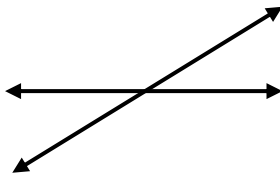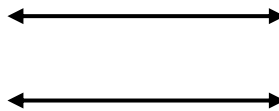
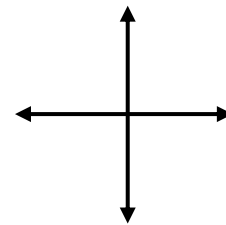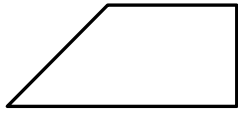Figure A   Figure B   Figure C

○ Figure A   ○ Figure B   ○ Figure C

STOP

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6th Grade Geometry Progress: Fall

(continued)

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

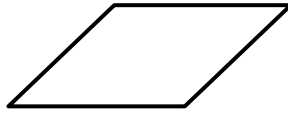**10.** Which figure appears to have sides that appear perpendicular?
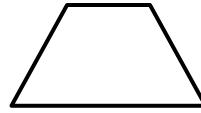
Figure A   **Figure B**   **Figure C**   **Figure D**
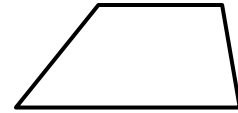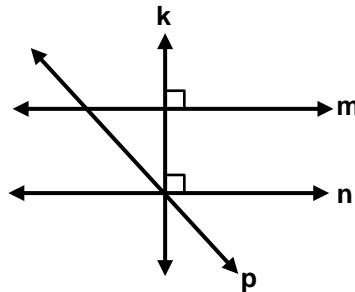
○ Figure A   ○ Figure B   ○ Figure C   ○ Figure D

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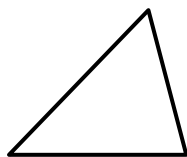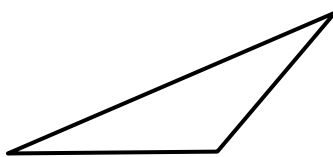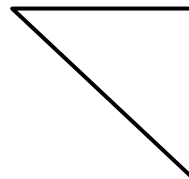
Figure A   **Figure B**   **Figure C**   **Figure D**

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

STOP

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

6th Grade Geometry Progress: Fall

(continued)

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

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13. Identify all of the shapes that can be drawn with at least 2 obtuse angles?

  ○ Rectangles   ○ Parallelograms   ○ Squares

  ○ Acute Triangles   ○ Obtuse Triangles   ○ Right Triangles

---

14. Identify all of the shapes that can be drawn with zero pairs of parallel sides?

  ○ Rectangles   ○ Parallelograms   ○ Squares

  ○ Acute Triangles   ○ Obtuse Triangles   ○ Right Triangles

---

15. Identify all of the shapes that can be drawn with zero pairs of perpendicular sides?

  ○ Rectangles   ○ Parallelograms   ○ Squares

  ○ Acute Triangles   ○ Obtuse Triangles   ○ Right Triangles

STOP

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

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