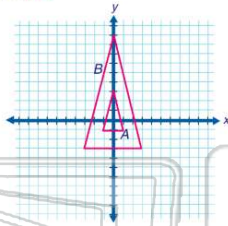




Name _____ Class _____ Date _____

1 What is the **dilation** from figure **A** to figure **B**?

- A $D_{.75}$
- B $D_{.5}$
- C D_2
- D D_3



2 Which **transformation** does **not** keep a figure's **size** and **shape** the **same**?

- A reflection
- B rotation
- C dilation
- D translation

3 How many **lines of symmetry** does the letter **H** have?

- A 1
- B 2
- C 3
- D 4



4 With **rotational symmetry**, a figure is congruent to itself after being rotated **180°** or more.

True or false?

- A true

5

TABLE



PREVIEW

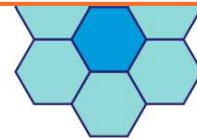
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7

APTABLE

- A true
- B false

- B pentagons
- C octagons
- D heptagons

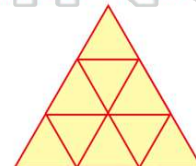


9 When making a tessellation, which **transformation** is **not** used?

- A reflection
- B rotation
- C dilation
- D translation

10 The tessellation shown uses equilateral triangles in which the smallest triangles' sides each have a length of 3. **What is the perimeter of the whole tessellation?**

- A 3 units
- B 9 units
- C 18 units
- D 27 units

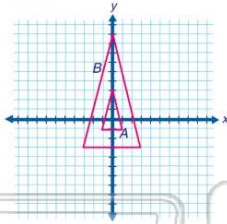




ANSWER KEY

What is the **dilation** from figure **A** to figure **B**?

- A $D_{.75}$
- B $D_{.5}$
- C D_2
- D D_3



(d)

Which **transformation** does **not** keep a figure's **size** and **shape** the **same**?

- A reflection
- B rotation
- C dilation
- D translation

(c)

How many **lines of symmetry** does the letter **H** have?

- A 1
- B 2
- C 3
- D 4



(b)

With **rotational symmetry**, a figure is congruent to itself after being rotated **180°** or more.

True or false?

- A true
- B false

(b)



PREVIEW

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- A true
- B false

- C octagons
- D heptagons



When making a tessellation, which **transformation** is **not** used?

- A reflection
- B rotation
- C dilation
- D translation

(c)

The tessellation shown uses equilateral triangles in which the smallest triangles' sides each have a length of **3**. What is the **perimeter** of the whole tessellation?

- A 3 units
- B 9 units
- C 18 units
- D 27 units

(d)

