Which One Doesn't Belong?

As you answer this question below, be sure to explain the following:
- How this item is different from the others
- How the other 3 items belong together

(1) $\sqrt{36}$

(2) $\dfrac{2}{3}$

(3) $\dfrac{1}{5}$

(4) $\sqrt{21}$

_____ does **not** belong, because

_____

_____

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(1)

$$\sqrt{36}$$

(2)

$$\frac{2}{3}$$

(3)

$$\frac{1}{5}$$

(4)

$$\sqrt{21}$$

___**#4**_____ does **not** belong, because

$\sqrt{21}$ **is an irrational number, and the other three are rational numbers. #1, #2, and #3 are (or could be) expressed as a quotient of two integers.** $\sqrt{21}$ **cannot. Its decimal form neither terminates nor repeats.**
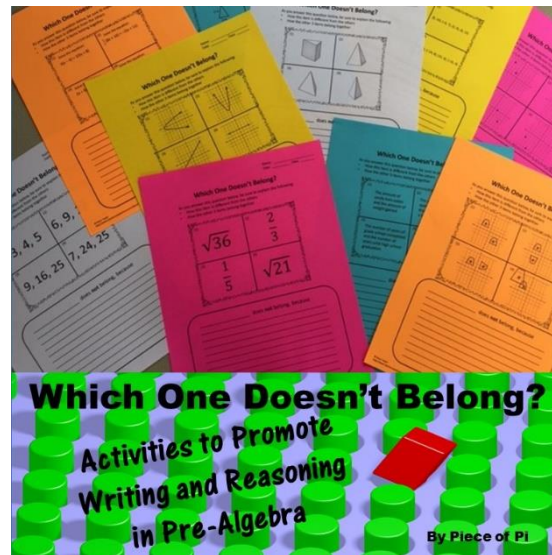
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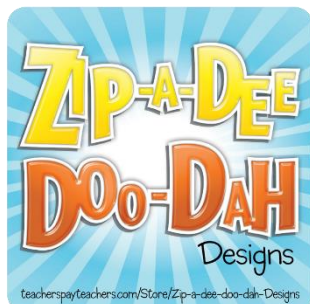

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