

test d'apprentissages

Énoncer le théorème de Pythagore :

Périmètre d'un cercle de rayon R ? _____

Aire d'un disque de rayon R ? _____

$$11^2 = \underline{\hspace{2cm}}$$

$$12^2 = \underline{\hspace{2cm}}$$

$$13^2 = \underline{\hspace{2cm}}$$

$$14^2 = \underline{\hspace{2cm}}$$

$$15^2 = \underline{\hspace{2cm}}$$

$$k(a + b) = \underline{\hspace{2cm}}$$

$$(a + b)(c + d) = \underline{\hspace{2cm}}$$

$$(a + b)^2 = \underline{\hspace{2cm}}$$

$$(a - b)^2 = \underline{\hspace{2cm}}$$

$$(a - b)(a + b) = \underline{\hspace{2cm}}$$

$$\sqrt{a^2} = \underline{\hspace{2cm}}, a \geq 0$$

$$(\sqrt{a})^2 = \underline{\hspace{2cm}}, a \geq 0$$

$$\sqrt{a \times b} = \underline{\hspace{2cm}}$$

$$\sqrt{\frac{a}{b}} = \underline{\hspace{2cm}}, b \text{ non nul}$$

$$\pi \approx \underline{\hspace{2cm}}$$

$$\sqrt{1} = \underline{\hspace{2cm}}$$

$$\sqrt{2} \approx \underline{\hspace{2cm}}$$

$$\sqrt{3} \approx \underline{\hspace{2cm}}$$

$$\sqrt{4} = \underline{\hspace{2cm}}$$

$$\sqrt{5} \approx \underline{\hspace{2cm}}$$

$$\sqrt{9} = \underline{\hspace{2cm}}$$

$$\sqrt{16} = \underline{\hspace{2cm}}$$

$$\sqrt{25} = \underline{\hspace{2cm}}$$

$$\sqrt{0} = \underline{\hspace{2cm}}$$

(1, 2, 3) est-il un triplet pythagoricien ? Justifier.

(5, 12, 13) est-il un triplet pythagoricien ? Justifier.
