COLOR MATCH THE NUMBER Pi

HAPPY PI-DAY

$2.98 \text{ m}$

$A = \pi r^2$

Archimedes

$3.14159$

$\pi = 3$

$c = 2\pi r$

$25.12 \text{ m}$

Irrational

$\frac{\text{circumference}}{\text{diameter}}$
Answer the questions - find your answer on the Pi - color according to your answers.

1. The ancient Babylonians calculated the area of circle by using $\pi = \underline{\phantom{000}}$. (PINK)

2. The first theoretical calculation for the value of pi was done by which mathematician of the ancient world? (ORANGE)

3. The best approximation of the value of $\pi$ is $\underline{\phantom{000}}$. (TURQUOISE)

4. If we are given the circumference and diameter of the circle, the value of $\pi$ can be found as $\underline{\phantom{000}}$. (RED)

5. The area of a circle can be found by using the formula $\underline{\phantom{000}}$. (GREEN)

6. The circumference of the circle can be found by the formula $\underline{\phantom{000}}$. (YELLOW)

7. The area of a circle is $28 \text{ m}^2$. What is the radius of the circle? (LIGHT BLUE)

8. The radius of a circle is 4 m. What is the circumference of the circle? (PURPLE)

9. Is the number $\pi$ rational, irrational or an integer? (LIGHT GREEN)