

算数オンライン塾 8月15日の問題解説

(1)

$$8 \times 8 \times 3.14 \times 2 + 2 \times 2 \times 3.14 \times 2 + 10 \times 10 \times 3.14 \times 2 + 6 \times 6 \times 3.14 \times 2$$
$$= (64 + 4 + 100 + 36) \times 3.14 \times 2 = 408 \times 3.14 = 1281.12$$

(答え) 1281.12cm^3

$$(2) 8 \times 8 \times 3.14 + 8 \times 2 \times 3.14 \times 2 + (8 \times 8 - 2 \times 2) \times 3.14 + 2 \times 2 \times 3.14 \times 2$$
$$+ (10 \times 10 - 2 \times 2) \times 3.14 + 10 \times 2 \times 3.14 \times 2 + (10 \times 10 - 6 \times 6) \times 3.14$$
$$+ 6 \times 2 \times 3.14 \times 2 + 6 \times 6 \times 3.14$$
$$= (64 + 32 + 60 + 8 + 96 + 40 + 64 + 24 + 36) \times 3.14$$
$$= 424 \times 3.14 = 1331.36$$

(答え) 1331.36cm^2