計算正方體及長方體的體積

姓名： ( ) 班別： 日期：

請於\*號位置圈出正確選項，並計算各立體的體積。

1. \*長方體 / 正方體 體積 = \_\_\_\_\_ × \_\_\_\_\_ × \_\_\_\_\_ = \_\_\_\_\_\_\_\_\_\_\_ cm3

**2 cm**

**2 cm**

**2 cm**

1. \*長方體 / 正方體 體積 = \_\_\_\_\_ × \_\_\_\_\_ × \_\_\_\_\_ = \_\_\_\_\_\_\_\_\_\_\_ cm3

**3 cm**

**4 cm**

**2 cm**

1. \*長方體 / 正方體 體積 = \_\_\_\_\_ × \_\_\_\_\_ × \_\_\_\_\_ = \_\_\_\_\_\_\_\_\_\_\_ cm3

**3 cm**

**3 cm**

**3 cm**

1. \*長方體 / 正方體 體積 = \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_

**4 cm**

**4 cm**

**4 cm**

1. \*長方體 / 正方體 體積 = \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_

**1 cm**

**1 cm**

**6 cm**

1. \*長方體 / 正方體 體積 = \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_

**5 cm**

**7 cm**

**2 cm**

1. \*長方體 / 正方體 體積 = \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_

**8 cm**

**5 cm**

**15 cm**

1. \*長方體 / 正方體 體積 = \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_

**2 cm**

**3 cm**

**3 cm**

1. \*長方體 / 正方體 體積 = \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_

**3 m**

**4 m**

**6 m**

**6 m**

1. \*長方體 / 正方體 體積 = \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_

**2 m**

**2 m**

**12 m**

**5 m**

**3 m**

**5 m**

**6 m**

**6 m**

1. \*長方體 / 正方體 體積 = \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_

挑戰題：

1. 圖中立體頂部的面積是15 cm2，求它的體積。

\*長方體 / 正方體 體積 = \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_

**2 cm**

**15 cm2**

**答案**

|  |  |  |
| --- | --- | --- |
| (1) | (2) | (3) |
| 正方體2228 | **長方體****3****4****2****24** | **正方體****3****3****3****27**  |

|  |  |  |
| --- | --- | --- |
| (4) | (5) | (6) |
| 正方體4×4×4 = 64 (cm3) | **長方體****6×1×1=6(cm3)** | **長方體****7×5×2=70 (cm3)** |

|  |  |  |
| --- | --- | --- |
| (7) | (8) | (9) |
| 長方體15×5×8=600 (cm3) | **長方體****3×3×2 =18(cm3)** | **長方體****4×6×3 =72(cm3)** |

|  |  |  |
| --- | --- | --- |
| (10) | (11) | (12) |
| 長方體5×12×2=120 (m3) | **長方體****3×6×5=90 (m3)** | **長方體****15×2=30 (cm3)** |