

$$1) b) a = 15 \text{ (1)}, ar^7 = 84 \text{ (2)}$$

$$\text{(2)} \div \text{(1)} \quad r^7 = \frac{84}{15} = 5.6$$

$$r = \sqrt[7]{5.6}$$

$$a = 15$$

$$ar = 15 \sqrt[7]{5.6}$$

$$ar^2 = 15 \left( \sqrt[7]{5.6} \right)^2$$

$$ar^3 = 15 \left( \sqrt[7]{5.6} \right)^3$$

$$ar^4 = 15 \left( \sqrt[7]{5.6} \right)^4$$

$$ar^5 = 15 \left( \sqrt[7]{5.6} \right)^5$$

$$ar^6 = 15 \left( \sqrt[7]{5.6} \right)^6$$

$$ar^7 = 84$$