

(1) a) $a = 18 \text{ mm}$

b) $a = 41 \text{ mm}$

c) $a = 6.9 \text{ cm}$

(2) a) $A = 1296 \text{ mm}^2$

b) $A = 13.69 \text{ cm}^2$

c) $A = 0.6241 \text{ e}^2$

(3) a) $a = 69.28 \text{ mm}$

b) $a = 97.98 \text{ mm}$

c) $a = 48.99 \text{ mm}$

(4) a) $A = 11'200 \text{ mm}^2$

b) $A = 25'600 \text{ mm}^2$

c) 56.25%

(5) a) 25%

b) 21.6%

c) 20%

d) 37.5%

(6) a) 3.6%

b) 8%

c) 12%