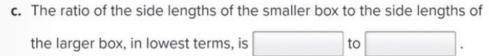# EXIT TICKET (TIMSS)

Power Up! Test Practice

18. A company is experimenting with two new boxes for packaging merchandise. Each box is a cube with the side lengths shown.

12 cm

Select the correct values to complete each statement.

a. The surface area of the smaller box is [   ] square centimeters.

b. The surface area of the larger box is [   ] square centimeters.

18 cm

c. The ratio of the side lengths of the smaller box to the side lengths of the larger box, in lowest terms, is [   ] to [   ] .

d. The ratio of the surface area of the smaller box to the surface area of the larger box, in lowest terms, is [   ] to [   ] .

2	9
3	864
4	1,728
6	1,944
8	5,832