

8C Use geometric concepts and properties to solve problems in fields such as art ...

1. Kim's living room measures 25 feet wide and 17 feet long. She wants to tile the floor with tiles that measure 1 ft. by 1 ft. How many tiles will she need to cover the floor?
A 170
B 250
C 425
D 650
2. On a certain blueprint, 1 inch represents 4 feet. What distance is represented by 3.5 inches?
A 12 ft.
B 14 ft.
C 16 ft.
D 20 ft.
3. The base of a water fountain is shaped like a regular pentagon. If each side measures 2 meters, what is the perimeter of the base?
A 5 m
B 8 m
C 10 m
D 12 m
4. Beth has a 12-foot board. She wants to cut the board so that one piece is 2 feet shorter than the other. What will be the length of the shorter piece?
A 10 ft.
B 6 ft.
C 5 ft.
D 4 ft.