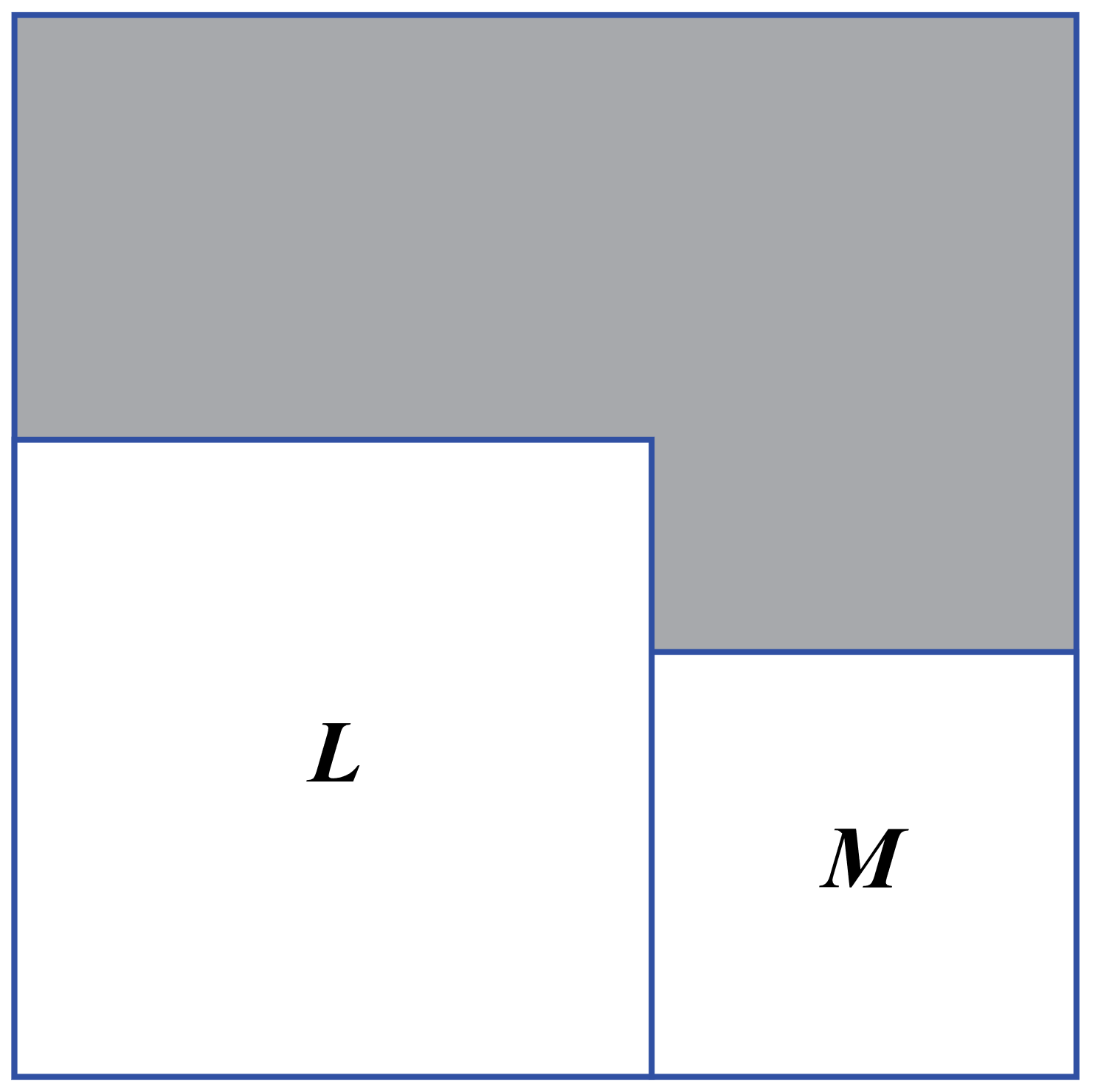
# Question 1

The outer square in the given figure contains square *L* and square *M*. If square *L* has an area of 9 square units and square M has an area of 4 square units, what is the perimeter of the shaded region?



**(A)** 11 **(B)** 13 **(C)** 15  
**(D)** 16 **(E)** 17

**MATH ACT PREP, WEEK 3**

**Question 2**

The ratio of the perimeters of two squares is 3:4. If the area of the larger square is 400 square feet, what is the length, in feet, of the side of the smaller square?

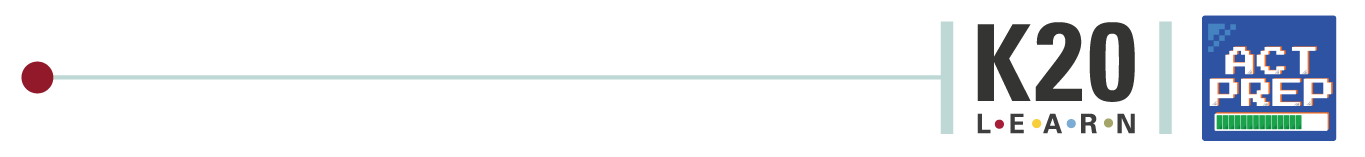
**(F)** 6

**(G)** 15

**(H)** 20

**(J)** 28

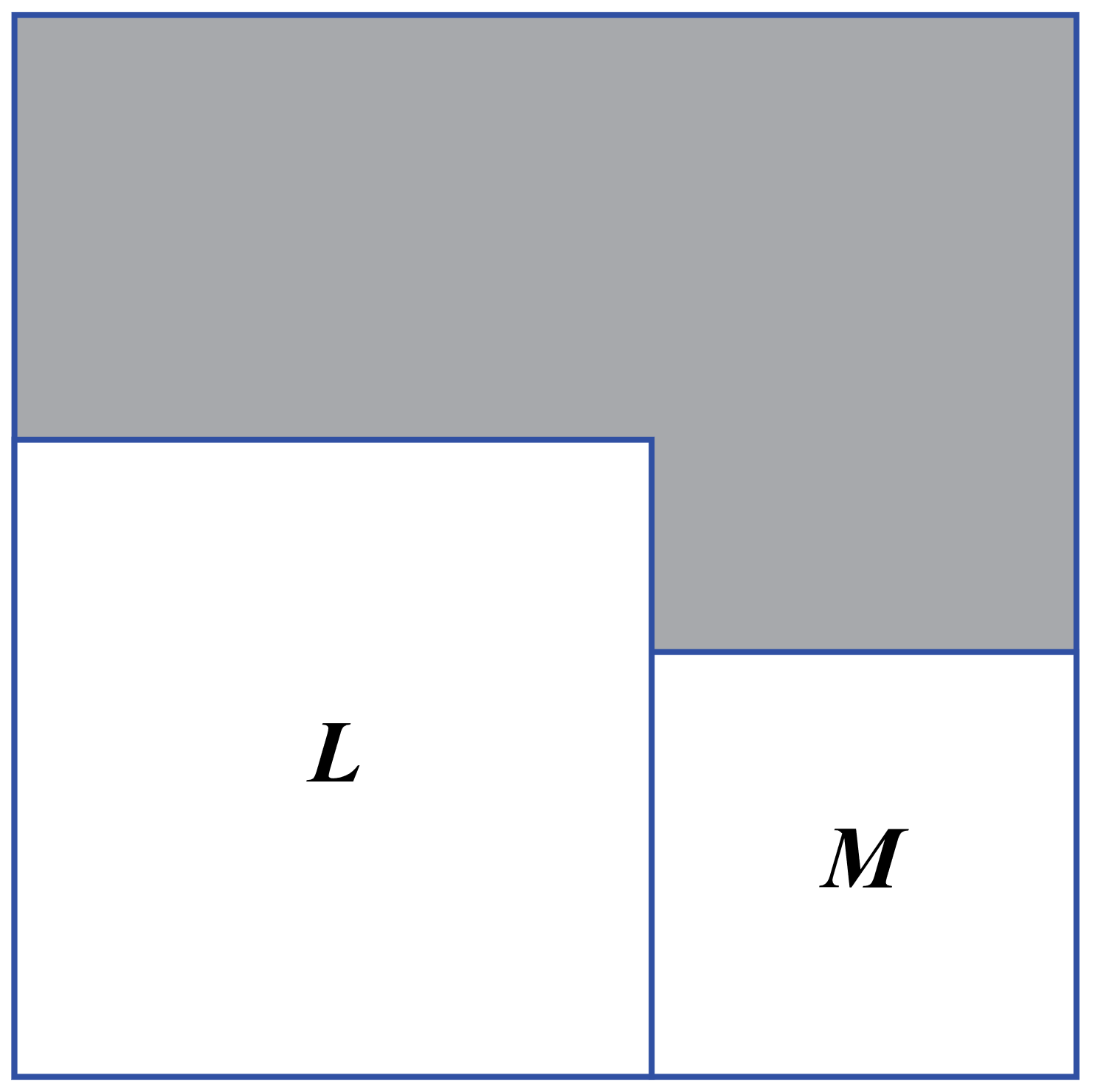
**(K)** 40

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EXIT TICKET

# Question 1

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**(A)** 11 **(B)** 13 **(C)** 15

# Question 2

The ratio of the perimeters of two squares is 3:4. If the area of the larger square is 400 square feet, what is the length, in feet, of the side of the smaller square?

**(F)** 6

**(G)** 15

**(H)** 20

**(J)** 28

**(K)** 40

**(D)** 16 **(E)** 17