

Unit 5 Module 4 | Session 5

NAME _____

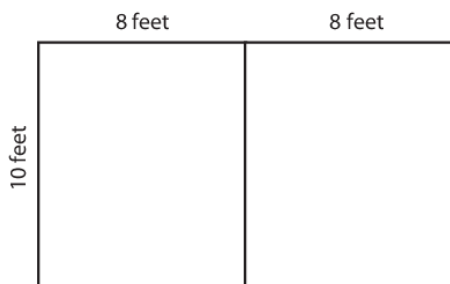
DATE _____

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- 3** Frank bought a rug for his room. It is 5 feet by 3 feet. What is the total area of the rug in square feet? Use labeled sketches, numbers, or words to solve this problem. Show all your work.

Area = _____ square feet

- 4** The tumbling mats in the gym are each 10 feet by 8 feet. Miranda pushed 2 of the mats together so she would have enough room to do her routines. Use the sketch below to help find the total area of the 2 mats in square feet. Show your work.



Area = _____ square feet

- 5 CHALLENGE** Andrea got some free carpet squares at a carpet store. Each carpet square has an area of 1 square foot. She got enough blue squares to cover a space on her bedroom floor that is 2 feet by 8 feet. She got enough red squares to cover another space on her bedroom floor that is 5 feet by 8 feet.

- a** How many total square feet can be covered if Andrea puts these carpet squares together? Show your work. Use another piece of paper if you need more room.

Area = _____ square feet

- b** There are two equations below you could use to help solve this problem. Mark both of them.

$(2 + 8) \times (5 + 8) = a$

$(2 \times 8) + (5 \times 8) = a$

$(2 + 5) + 8 = a$

$(2 + 5) \times 8 = a$