Unit 5 Module 4 | **Session 5**
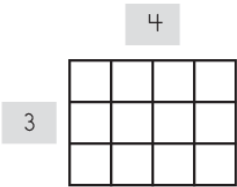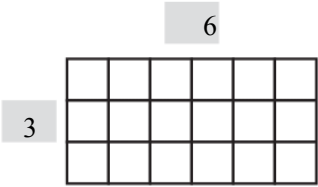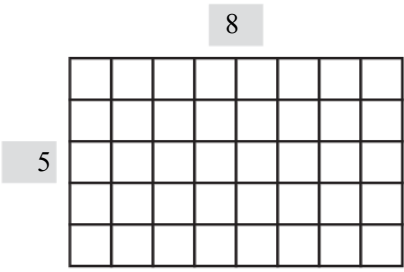
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🏠 **Playing with Area** page 1 of 2

1 Label the dimensions and area of each rectangle. Write two (or more) different equations to show how someone could find the area.

ex	Equations:
4 3 [grid rectangle] Area = 12 square units	$3 + 3 + 3 + 3 = 12$ $4 + 4 + 4 = 12$ $3 \times 4 = 12$ $(3 \times 2) + (3 \times 2) = 12$
a 6 3 [grid rectangle] Area = 18 square units	Equations: $3 \times 6 = 18$ $6 + 6 + 6 = 18$
b 8 5 [grid rectangle] Area = 40 square units	Equations: $5 \times 8 = 40$ $5 + 5 + 5 + 5 + 5 + 5 + 5 + 5 = 40$

2 Fill in the missing number in each fact. Then write a related division equation.

ex $3 \times \underline{6} = 18$ $\underline{18} \div \underline{3} = \underline{6}$		
a $\underline{8} \times 6 = 48$ $\underline{48} \div \underline{6} = \underline{8}$	**b** $3 \times \underline{8} = 24$ $\underline{24} \div \underline{8} = \underline{3}$
c $4 \times \underline{7} = 28$ $\underline{28} \div \underline{7} = \underline{4}$	**d** $\underline{5} \times 9 = 45$ $\underline{45} \div \underline{9} = \underline{5}$
e $9 \times \underline{10} = 90$ $\underline{90} \div \underline{10} = \underline{9}$	**f** $8 \times \underline{4} = 32$ $\underline{32} \div \underline{4} = \underline{8}$

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