



Area Model Multiplication: 2-Digit by 2-Digit

Grade 5

Name: _____

Fill partial products; sum for total product.

Example: $(20+3)(10+4)$: $20 \times 10 = 200$; $20 \times 4 = 80$; $3 \times 10 = 30$; $3 \times 4 = 12$; total = 322

(1) $(50+9)(20+2) =$ _____

(2) $(60+5)(40+8) =$ _____



$$(3) (10+1)(10+8) = \underline{\hspace{2cm}}$$

$$(4) (40+1)(20+8) = \underline{\hspace{2cm}}$$



$$(5) (20+7)(40+2) = \underline{\hspace{2cm}}$$

$$(6) (10+7)(60+7) = \underline{\hspace{2cm}}$$

