3.NBT.A.3 Estimating Products

3.NBT.A.3: Multiply one-digit whole numbers by multiples of 10 in the range 10-90 (e.g., 9×80, 5×60) using strategies based on place value and properties of operations.

Give what is asked in each item and then write your answers on the space provided.

1. Round to the greatest place value and then find the product.

$69 \times 7 =$ ____	$41 \times 5 =$ ____	$345 \times 3 =$ ____
$31 \times 8 =$ ____	$422 \times 8 =$ ____	$36 \times 4 =$ ____
$153 \times 5 =$ ____	$78 \times 6 =$ ____	$558 \times 2 =$ ____
$2 \times 721 =$ ____	$671 \times 7 =$ ____	$92 \times 8 =$ ____
$481 \times 6 =$ ____	$82 \times 9 =$ ____	$691 \times 2 =$ ____

2. Read and solve.

a. Mary made 5 dresses for her sister. She used 118 inches squared of cloth for each dress. About how many inches squared of cloth did she use in all? _____

      A. 500   B. 600   C. 1000   D. 1200

b. Mrs. Smith bought 7 movie tickets for her friends. If each ticket costs $95, about how much did Mrs. Smith spend in all? _____

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Give what is asked in each item and then write your answers on the space provided.

1. Round to the greatest place value and then find the product.

$69 \times 7 =$ __490__	$41 \times 5 =$ __200__	$345 \times 3 =$ __900__
$31 \times 8 =$ __240__	$422 \times 8 =$ __3200__	$36 \times 4 =$ __160__
$153 \times 5 =$ __1000__	$78 \times 6 =$ __480__	$558 \times 2 =$ __1200__
$2 \times 721 =$ __1400__	$671 \times 7 =$ __4900__	$92 \times 8 =$ __720__
$481 \times 6 =$ __3000__	$82 \times 9 =$ __720__	$691 \times 2 =$ __1400__

2. Read and solve.

a. Mary made 5 dresses for her sister. She used 118 inches squared of cloth for each dress. About how many inches squared of cloth did she use in all?? _____A._____

      A. 500   B. 600   C. 1000   D. 1200

b. Mrs. Smith bought 7 movie tickets for her friends. If each ticket costs $95, about how much did Mrs. Smith spend in all? _____$700_____