5.3 Breaking Apart to Multiply

You can make multiplication easier by breaking larger numbers apart by place value.

Complete.

1. 5×23

$5 \times 20 = \square$

$5 \times 3 = \square$

$\square + \square = \square$

2. 4×246

$4 \times 200 = \square$

$4 \times 40 = \square$

$4 \times 6 = \square$

$\square + \square + \square = \square$

3. 581×2

$\square \times 2 = \square$

$\square \times 2 = \square$

$\square \times 2 = \square$

$\square + \square + \square = \square$

4. 3×92

$3 \times \square = \square$

$3 \times \square = \square$

$\square + \square = \square$

5. 44×8

$\square \times \square = \square$

$\square \times \square = \square$

$\square + \square + \square = \square$

6. 728×9

$\square \times \square = \square$

$\square \times \square = \square$

$\square \times \square = \square$

$\square + \square + \square = \square$