

Display Master: Key Idea: Distributive Property

- When multiplying a 2-digit number by a 1-digit number, break apart the 2-digit number and multiply, using the distributive property.

Display Master: 27 x 5 A

$$27 \times 5 =$$

Display Master: 27 x 5 B

$$27 \times 5 =$$

$$(\mathbf{20} + \underline{7}) \times 5 =$$

Display Master: 27×5 C

$$27 \times 5 =$$

$$(\mathbf{20} + \underline{7}) \times 5 =$$



Display Master: 27 x 5 D

$$27 \times 5 =$$

$$(\mathbf{20} + \underline{7}) \times 5 =$$

5	5
20	$20 \times 5 = 100$
+	
7	$7 \times 5 = 35$

Display Master: 27×5 E

$$27 \times 5 =$$

$$(\mathbf{20} + \underline{7}) \times 5 =$$

$$\mathbf{100} + \underline{35} =$$

$\mathbf{20}$	$\mathbf{5}$	$20 \times 5 = 100$
$+$		
$\mathbf{7}$		$7 \times 5 = 35$

Display Master: 27×5 F

$$27 \times 5 =$$

$$(\mathbf{20} + \underline{7}) \times 5 =$$

$$\mathbf{100} + \underline{35} = 135$$

$$\mathbf{27 \times 5 = 135}$$

	5
20	$20 \times 5 = 100$
+	
7	$7 \times 5 = 35$

Display Master: 8 x 32 A

$$8 \times 32 =$$

Display Master: 8 x 32 B

$$8 \times 32 =$$

$$8 \times (\mathbf{30} + \underline{\underline{2}}) =$$

Display Master: 8 x 32 C

$$8 \times 32 =$$

$$8 \times (30 + \underline{2}) =$$

	30	+ 2
8		

Display Master: 8 x 32 D

$$8 \times 32 =$$

$$8 \times (30 + \underline{2}) =$$

	30	+ 2
8	8 x 30 = 240	8 x 2 = 16

Display Master: 8 x 32 E

$$8 \times 32 =$$

$$8 \times (30 + \underline{2}) =$$

$$240 + \underline{16} =$$

	30	+ 2
8	8 x 30 = 240	8 x 2 = 16

Display Master: 8 x 32 F

$$8 \times 32 =$$

$$8 \times (30 + \underline{2}) =$$

$$240 + \underline{16} = 256$$

$$8 \times 32 = 256$$

	30	+ 2
8	<div>8 x 30 = 240</div>	

Display Master: 58 x 9 A

$$58 \times 9 =$$

$$(\mathbf{50} + \underline{8}) \times 9 =$$

Display Master: 58 x 9 B

$$58 \times 9 =$$

$$(\mathbf{50} + \underline{8}) \times 9 =$$

$$\mathbf{450} + \underline{72} =$$

Display Master: 58 x 9 C

$$58 \times 9 =$$

$$(\mathbf{50} + \underline{8}) \times 9 =$$

$$\mathbf{450} + \underline{72} = 522$$

$$\mathbf{58 \times 9 = 522}$$