

Name: _____ Teacher: _____ School: _____

Grade 3: Lesson 19 Using strategies to multiply by the factor 8.

Example:

Use the doubles strategy to find the product of 7×8 .

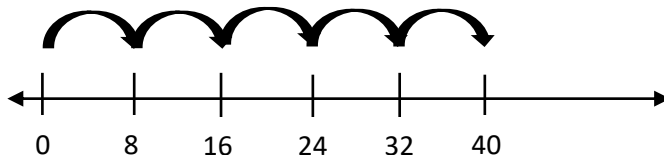
Show that you used the doubles strategy by completing the equation $7 \times 8 = \underline{\quad} + \underline{\quad} = \underline{\quad}$.

Answer: $7 \times 8 = 28 + 28 = 56$. The product of $7 \times 8 = 56$.

(While using the doubles strategy, student thinking may sound similar to this: “The factor 8 in the expression 7×8 is the double of the factor 4 in the expression 7×4 . The product of 7×8 is double the product of 7×4 . I know that $7 \times 4 = 28$. So doubling 28 is 56. This means $7 \times 8 = 56$.”)

Example: Use a number line to find the product of 5×8 .

Answer: $5 \times 8 = 40$.



Use the doubles strategy to find the product of 3×8 .

Show that you used the doubles strategy by completing the equation $3 \times 8 = \underline{\quad} + \underline{\quad} = \underline{\quad}$.

Use the doubles strategy to find the product of 8×9 .

Show that you used the doubles strategy by completing the equation $8 \times 9 = \underline{\quad} + \underline{\quad} = \underline{\quad}$.

Use the doubles strategy to find the product of 6×8 .

Show that you used the doubles strategy by completing the equation $6 \times 8 = \underline{\quad} + \underline{\quad} = \underline{\quad}$.

Use a number line to find the product of 4×8 .