Name_____

Date_____

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Tape Diagram and Model Drawing
Problem Solving, Multiplication and Division
(4.NBT.5)

Directions: Solve the following word problem using numbers, pictures (model drawings), and words. ☺

Vivek and and his father Dhruv have a combined age of 81. Dhruv is twice as old as Vivek. How old is each man?

Answer: _____

Answer:

Vivek

?

81

Dhruv

?

$81 \div 3 = 27$

Each box equals 27. Vivek is 27 years old. His father, Dhruv, is twice his age. $27 + 27 = 54$.

Dhruv is 54 years old. Check: $27 + 54 = 81$