

Name(s): _____

Give y a Try!

Write an algebraic equation to represent and solve each problem.



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| <p>1. A rectangle's length is y cm. Its width is 5 cm. Its perimeter is 34 cm. Find the length of the rectangle.</p> | <p>2. A rectangle's length is _____ cm. Its width is _____ cm. The perimeter is 10 cm. Find the rectangle's width.</p> | <p>3. Harold's dad is 3 times his age. The sum of Harold's age and his father's age is 60 years. How old is Harold? How old is his dad?</p> |
| <p>4. Oriana is 5 years older than her brother Francisco. The sum of their ages is 27. How old is each child?</p> | <p>5. Ella is twice Bella's age, and Stella is three times Bella's age. The difference between Stella's and Bella's ages is 8 years. How old is each girl?</p> | <p>6. Harlan's dad is 3 years more than 4 times Harlan's age. The difference in their ages is 30 years. How old is Harlan? How old is his dad?</p> |
| <p>7. Sally has twice as many hair ribbons as Natasha. Bethany has 3 less than Sally. The sum of all three girls' ribbons is 32. How many hair ribbons does each girl have?</p> | <p>8. Janet bought 3 dozen donuts from Delectable Donuts. She bought 3 times as many honey-dipped as plain. She bought 6 fewer chocolate-frosted than honey-dipped. How many of each did she buy?</p> | <p>9. Ty, Malcolm, and Fred were playing basketball. Malcolm made 2 more baskets than Ty, and Fred made 4 more than twice the number that Ty made. Together, the boys made 42 baskets. How many baskets did each boy make?</p> |