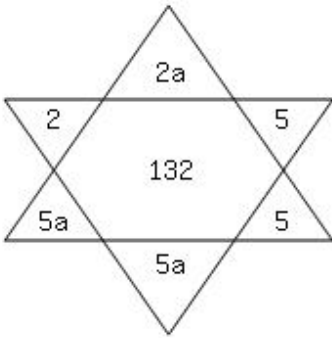


- (6) If the number in the center is the sum of rest of the numbers, $a =$.



Answer the questions

- (7) Find the percentage of pure gold in 22-carat gold, if 24-carat gold is 100% pure gold.
- (8) The sum of the digits of a 2-digit number is 3. If you add 9 to the number, the digits get reversed. Which is the number?
- (9) If the sum of two consecutive multiples of 2 is 34, find the numbers.
- (10) When a number is divided by 9, it gives a remainder of 2. What will be the remainder if the square of that number is divided by 9?
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(7) Jason buys 146 motors from a wholesale market paying \$104 for each item, and then he makes a profit by selling each one at $\frac{5}{4}$ of the price he bought them at. He has \$ after selling them all.

(8) $\frac{6}{3}$ of a number when multiplied by $\frac{3}{12}$ of the same number make 8. The number is .

(9) A man sells a cow for \$3600 making a profit of 20%. The cost of the cow is \$.

Answer the questions

(10) Anthony buys 54 blackboards from a wholesale market for \$2430, and then he sells each of them at 1.06 times the price he had bought them at. At what price did he sell each blackboards at?
