

B. 3

C. 4

D. 6

138. If $\log_2 2$ plus $\log_2 x$ to the base 2 is equal to 2, then the value of x is,

A. 4

B. -2

C. 2

D. -1

139. Find the value of x if $\log_{12} x = 2$.

A. 144

B. 414

C. 524

D. 425

140. Solve for the value of x :

$$\log 2x^3 + \log (6/x) = 6.278$$

A. 379.65

B. 365.97

C. 397.56

D. 356.79

141. Mary is 24 years old. Mary is twice as old as Ann was when Mary has as old as ANN is now. How old is Ann now?

A. 16

B. 18

C. 12

D. 15

142. The sum of Kim's and Kevin's ages is 18. In 3 years, Kim will be twice as old as Kevin. What are their ages now?

A. 4, 14

B. 5, 13

C. 7, 11

D. 6, 12

143. Robert is 15 years older than his brother Stan. However "y" years ago, Robert was twice as old as Stan. If Stan is now "b" years old and $b > y$, find value of $(b - y)$?

A. 15

B. 16

C. 17

D. 18

144. JJ is three times as old as Jan - Jan. Three years ago, JJ was four times as old as Jan - Jan. The sum of their ages is

A. 20

B. 24

C. 28

D. 36

145. A girl is one-third as old as her brother and 8 years younger than her sister. The sum of their ages is 38 years. How old is the girl?

A. 4

B. 5

C. 6

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Page 5 of 7