Activity

Solve and check your answers.

(1) $6n + 84 = 138$

$n = \boxed{}$

(2) $2b + 4 = 18$

$b = \boxed{}$

(3) $\dfrac{x}{6} = 9$

$x = \boxed{}$

(4) $\dfrac{8}{m} = \dfrac{24}{9}$

$m = \boxed{}$

(5) $\dfrac{12}{32} = \dfrac{3}{Q}$

$Q = \boxed{}$

(6) $7y = 2\,(17 - 3)$

$b = \boxed{}$

Calculate the following values.

(1) If $b = 7$, what is $8\,(2b + 6b - 3b)$?

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(2) $(4x + 3x) = 91$ What is x?

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(3) $m = 4\dfrac{1}{2} + 2\dfrac{2}{3}$ $m = \boxed{}$

(4) $y = 2,\ p = 3,\ q = 4$

What is the value of $\dfrac{4p \times 2q}{y}$

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(5) 21 subtracted from S is equal to 63. What is S?

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(6) A number decreased by 105 gives 213, what is the number?

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(7) If I take 169 from a number I am left with 328. What is that number?

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(8) Marsha gave away all 32 golden shells from her collection, and kept the 28 spotted ones for herself. Write an equation based on the scenario. Find the total number of shells she had before she gave any away. _____

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(9) Lenny has 28 toy cars, 12 are Honda, 9 are Toyota, and the others are Nissan.
(a) Write an equation to represent this. _____
(b) How many cars are Nissan? _____

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