



Algebra

Form Equations

5a. Use the equation below to fill in the gaps in the information. $6r = 48$ I think of a number. I multiply it by ____ and my answer is ____. VF	5b. Use the equation below to fill in the gaps in the information. $k \div 4 = 2.5$ I think of a number. I divide it by ____ and my answer is ____. VF
6a. Circle the equation that matches the information below. Sunia thinks of a number. She multiplies it by 5 and then adds 3. Her answer is 2.5. A. $5n + 3 = 2.5$ B. $3n + 5 = 2.5$ C. $5n + 3n = 2.5$ D. $5 + 3n = 2.5$ VF	6b. Circle the equation that matches the word problem below. Will thinks of a number. He divides it by 4 and then subtracts 2. His answer is 2. A. $4n - 2 = 2$ B. $n \div 2 - 4 = 2$ C. $n \div 4 - 2 = 2$ D. $n \div 2 - 2 = 4$ VF
7a. I think of a number. I multiply it by a half. My answer is 6. The equation below is incorrect. It does not match this information. Circle the error. $\frac{1}{4} n = 6$ VF	7b. I think of a number. I add 7 and a half. My answer is 18. The equation below is incorrect. It does not match this information. Circle the error. $n - 7\frac{1}{2} = 18$ VF
8a. Complete the equation below to match the information. $e \div \square = \square$ Farmer Jones divides his eggs equally between 6 boxes. There are 5 eggs in each box. VF	8b. Complete the equation below to match the information. $4r - \square = \square$ Marley buys 4 rubbers. The shopkeeper gives her a 5p discount. She pays 15p. VF

4. Match each word problem to the correct algebraic equation.

A. Haz thinks of a number. He divides it by 2. The answer is 20.5.

$$9n - 2 = 20.5$$

B. Jassy thinks of a number. She adds 20.5. Her answer is 22.5.

$$n \div 2 = 20.5$$

C. Po thinks of a number. He multiplies it by 9 and subtracts 2. His answer is 20.5.

$$n + 20.5 = 22.5$$



VF
HW/Ext