

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

LIVEWORKSHEETS

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

LIVEWORKSHEETS