



2) 15%

Use mental math

Solve using algebra 1) 4x - 3 = 25

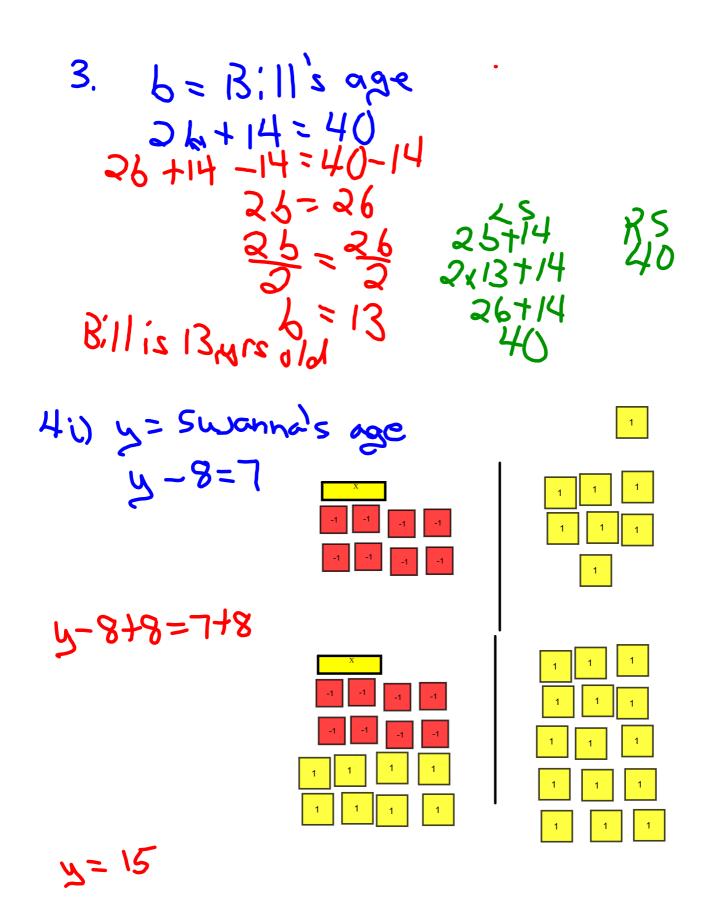
$$4x - 3^{3} = 25 + 3$$

$$4x = 28$$

$$4x = 28$$

$$4x = 27$$

$$pg236$$
 $large$ 
 $large$ 
 $h = distance hiked day 2$ 
 $5 + h = 12$ 
 $h = 7$ 



$$5 - 6 = -4$$

$$5 - 6 = -4 + 6$$

$$3 - 6 + 6 = -4 + 6$$

$$3 - 6 + 6 = -4 + 6$$

$$3 - 6 + 6 = -4 + 6$$

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iii) 
$$X = Money borroweld$$

$$x - 7 = 5$$

$$4 - 7 + 7 = 5 + 7$$

$$x = 12$$
She borrowed 412.

Homework pg. 239 # 4-7 (2,3 if they were not finished last night) Sheet Ex Prac 4 # 1-3

pa238

2 m = the number

a) m + 19 = 42

$$m + 19 - 19 = 42 - 19$$
 $m = 23$ 
 $m + 19 - 19 = 42 - 19$ 
 $m = 23$ 
 $m + 19 - 19 = 42 - 19$ 
 $m = 23$ 
 $m = 16$ 
 $m = 16$ 



## **Solving Division Type Equations**

To isolate the variable and solve the equation, we use opposite operations:



Addition opposite Subtraction
Subtraction opposite Opposi

Remember whatever you do to one side of the equation you MUST do the other side.

1) 
$$\frac{m}{2} = 7$$
2)  $\frac{c}{5} = 10$ 
5

 $\frac{m}{4} = 7$ 
2)  $\frac{c}{5} = 10.5$ 
2  $\frac{m}{4} = 1$ 
2  $\frac{m}{4} = -7$ 
3  $\frac{m}{4} = -7$ 
4  $\frac{m}{4} = -7$ 

$$2x+3$$
  $2=4$   $4x-7=13$ 
 $2(4)+3$ 
 $8+3$ 
 $11$ 
 $2(4)+3$ 
 $4x=20$ 
 $-1$ 
 $2=5$ 

SAMDAB

## Class / Homework



Key words

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Extra Practice Sheet 4

#1&#2

Extra Practice 4 Solving Equations byusin algebra pdf.pdf