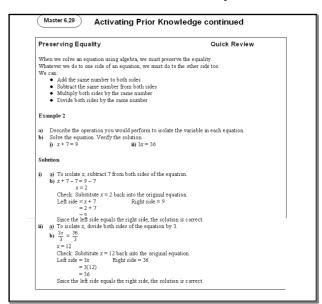


Mar 22-10:48 AM



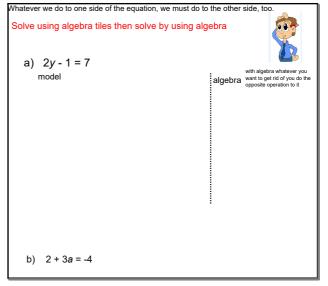
Mar 22-11:15 AM

Solving Equations using Algebra To solve an equation, we need to isolate the variable on one side of the equation. To do this, we get rid of the numbers on that side of the equation. When we solve an equation using algebra, we must also preserve the equality.

Whatever we do to one side of the equation, we must do to the other side, too.



Apr 30-2:51 PM



Mar 21-12:02 PM



Use algebra to solve the equation. Then verify the solution.

16*t* - 69 = -13



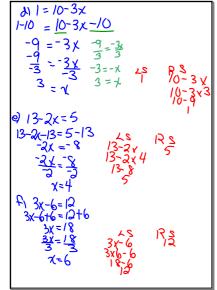
Brad charges \$4 for each bag of garbage, and \$7 cleaning gutters. On Friday, Brad cleaned 1 gutter and took out the garbage. He earned \$19. How many bags of garbage did he take out?

- a) Write and equation to represent this problem?
- b) Solve the equation using algebra.
- c) Verify the solution.

Mar 21-12:07 PM Mar 21-12:08 PM

Class/Homework pg. 330 # 5 , #6, #7, #8, #9, #10 Use algebra only

Mar 25-9:26 AM



Mar 26-10:59 AM

```
Ta) mistake
In 210 step the student added
and subtracted 15 from the right side.

-3x + 15 = 30 - 15

-3x = 15

-3x = 15

-3x = 15

-3x = 5

-x = 5

3) mistake, student said 7 - 1 = 8

insted of 6

7 = 1+2n

7 - 1 = 1+2n - 1

6 = 2n

2 = 2

3 = n

c) mistake - in 310 step, the student shuld have divided by 2, and he mult by 2

3+2t = 1

2t = 1

2t = 1

2t = 1

2t = 1

4h No mistake
```

Mar 26-11:23 AM

```
50 2x-1=7

2x-1+1=7+1

2x=8

2x=8

2x-4

2x-1

3x-1

3
```

Mar 26-10:54 AM

Mar 26-11:16 AM

```
8a) 2x+5=-7

2x+5-5=-7-5

2x = -12

2x = -12

2x = -12

2x-6+5

-12+5

b) -3x+11=2

-3x=-9

-3x=-9

-3x=-9

-3x=-3

x=3

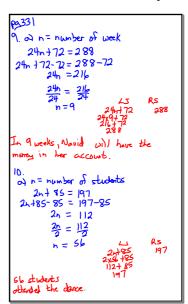
-3x=11

-3x=3+11

-3x=3+11
```

Mar 26-12:06 PM

Mar 26-12:10 PM



Mar 29-11:08 AM

```
Page 332 #11 (use algebra)<sub>and always check (verify means sub back in)</sub>
Worksheet 2: Solve using algebra and always check (verify, means sub back in)
```

Mar 24-3:32 PM

```
Extra Practice 2

Lesson 6.2: Solving Equations Using Algebra

1. Solve such equation: Verify the solution.
3 of ex 23

1. Solve such equation: Verify the solution.
3 of ex 23

2. Solve such equation: Verify the solution.
3 of extra 12 of extra 1
```

```
|||| a) - \( \frac{1}{3} + \frac{1}{3} = \frac{9}{3} - \frac{1}{3} + \frac{1}{3} = \frac{9}{3} - \frac{1}{3} + \frac{1}{3} = \frac{9}{3} - \frac{1}{3} + \frac{1}{3} = \frac{1}{3} + \fr
```

Mar 29-11:14 AM

```
13) - 45 = 6a - 15

6a - 15 = -45

6a - 15 = -45

6a - 15 = -45

6a = -30

6a = -30

6a = -30

6a = -3

6x - 35 = 6x

73 - 15

73 - 25 = -97

77 = -97

77 = -97

73 = 7

73 = 7

74 = 31

73 + 4d = 31

73 + 4d = 31

73 + 4d = 34

73 + 44

73 + 44

73 + 44

73 + 44

73 + 44

73 + 44

73 + 44

73 + 44

73 + 44

73 + 44

73 + 44

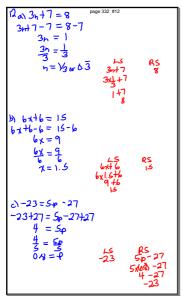
73 + 44

73 + 44

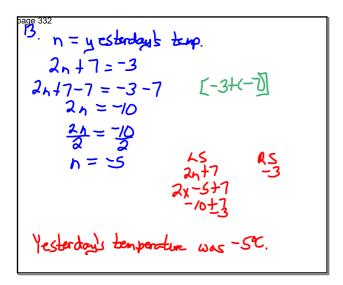
73 + 44

73 + 44
```

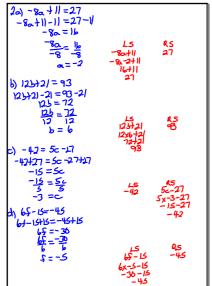
Mar 29-11:18 AM



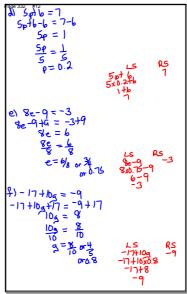
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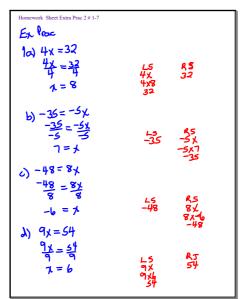
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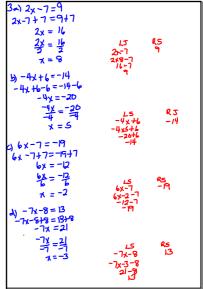
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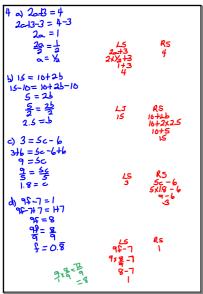
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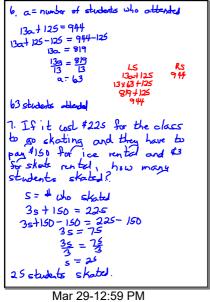
Mar 29-12:08 PM

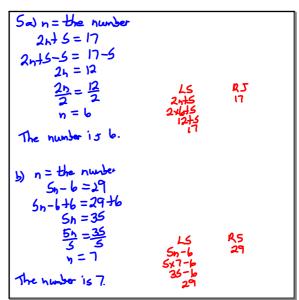


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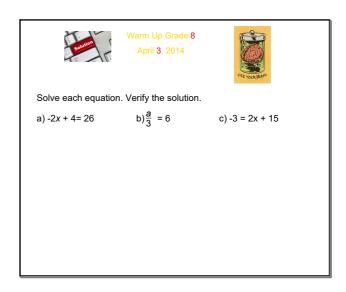


Mar 29-12:51 PM





Mar 29-12:57 PM



Mar 25-2:32 PM

Extra Practice?? IXL math Grade 8 Skills X.6 Solve one-step equations X.7 Solve two-step equations

Questions?? email: ashley.cortes@nbed.nb.ca melissa.okeefe@nbed.nb.ca

Extra Practice 2 Solve using algebra.pdf