Algebra Standard

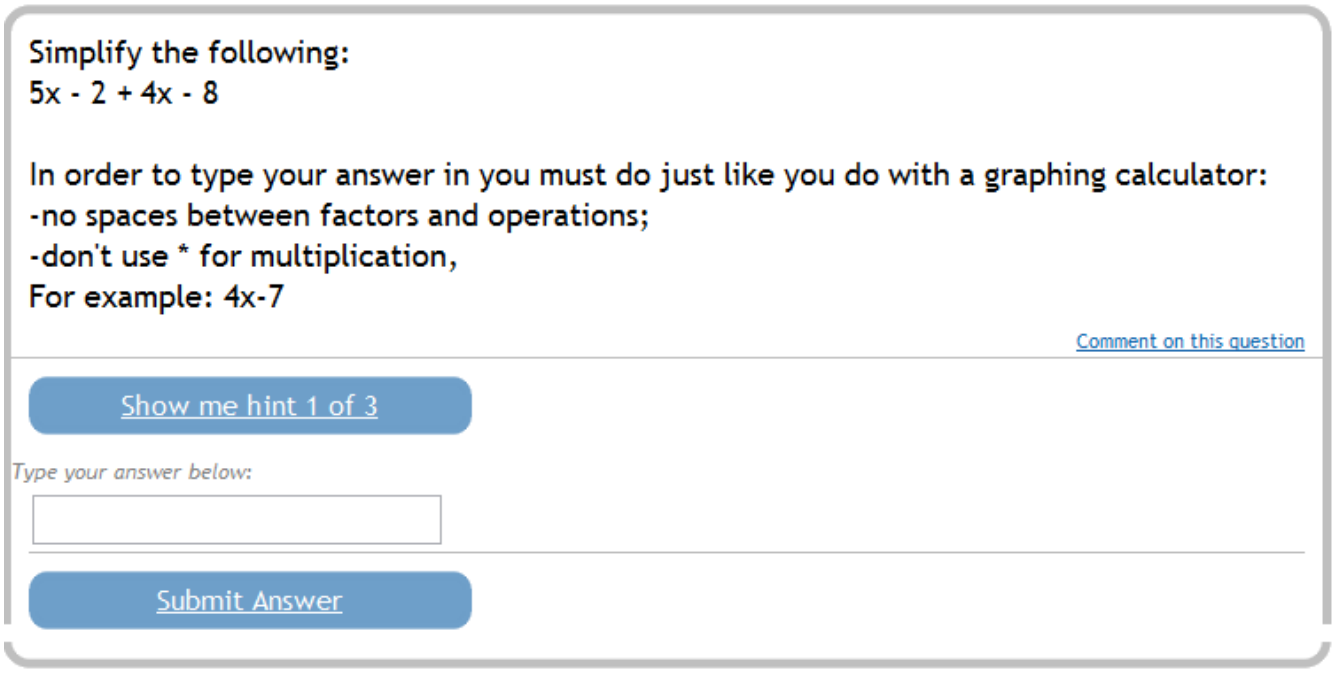
Skill	Class
Combining Like Terms	Algebra 1

Mastery Problem Set
#Dependent

Number of templates
20

Templates

- 42963



  - a*x – b + c*x – d where
    - "a" is a random integer from 2 through 10.
    - "b" is a random integer from 1 through 9.
    - "c" is a random integer from 2 through 10.
    - "d" is a random integer from 1 through 9.

- 43053

  Simplify the following:

  5x - 7y + 8x + 4y

  - a*x – b*y + c*x + d*y where
    - "a" is a random integer from 2 through 10.
    - "b" is a random integer from 7 through 12.
    - "c" is a random integer from 2 through 10.
    - "d" is a random integer from 1 through 5.
- 43060

  Simplify the following:

  14 - 5xy + 9x - 1x - 3 - 12xy

  - a ± b*xy + c*x – d*x ± e – f*xy where
    - "a" is a random integer from 7 through 15.
    - "b" is a random integer from 1 through 5.
    - "c" is a random integer from 6 through 11.
    - "d" is a random integer from 1 through 4.
    - "e" is a random integer from 1 through 5.
    - "f" is a random integer from 7 through 12.
- 55974

  Simplify the following:

  10y - 9x - 7x + 6y

  - a*y – b*x – c*x + d*y
    - "a" is a random integer from 1 through 11.
    - "b" is a random integer from 8 through 10.
    - "c" is a random integer from 1 through 7.
    - "d" is a random integer from 2 through 9.
- 56051

  Simplify the following:

  1y - 5xy + 6x - 8y + 3xy + 8x

- a*y – b*xy ± c*x – d*y ± e*xy + f*x
  - “a” is a random integer from 1 through 2.
  - “b” is a random integer from 4 through 9.
  - “c” is a random integer from 1 through 7.
  - “d” is a random integer from 4 through 8.
  - “e” is a random integer from 3 through 5.
  - “f” is a random integer from 7 through 9.

- 56575

  Simplify the following:

  9x - 10y + 2x - 1y - 4x + 2y
  - a*y – b*xy + c*x – d*y +e*xy + f*x
    - “a” is a random integer from 5 through 13.
    - “b” is a random integer from 6 through 11.
    - “c” is a random integer from 2 through 10.
    - “d” is a random integer from 1 through 5.
    - “e” is a random integer from 1 through 4.
    - “f” is a random integer from 2 through 4.

- 56579

  Simplify the following:

  8x - 6y + 6x - 3y - 2x + 6x
  - a*x – b*y + c*x – d*y – e*x + f*x
    - “a” is a random integer from 2 through 10.
    - “b” is a random integer from 6 through 11.
    - “c” is a random integer from 2 through 10.
    - “d” is a random integer from 1 through 5.
    - “e” is a random integer from 2 through 5.
    - “f” is a random integer from 3 through 9.

- 56587

  Simplify the following:

  6x + 5y + 10x - 5z - 2y - 12z

- a*x ± b*y + c*x – d*z ± e*y – f*z
  - “a” is a random integer from 6 through 14.
  - “b” is a random integer from 4 through 9.
  - “c” is a random integer from 6 through 11.
  - “d” is a random integer from 1 through 5.
  - “e” is a random integer from 1 through 2.
  - “f” is a random integer from 7 through 12.

- 56680

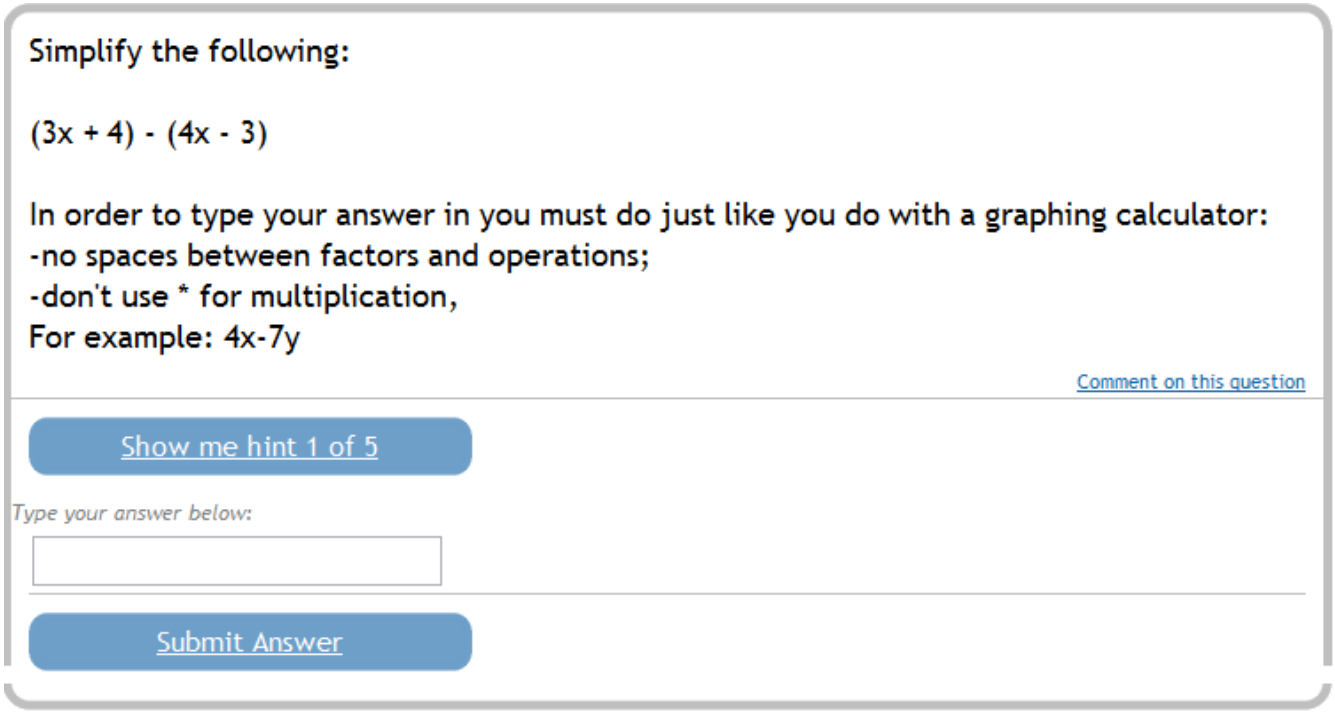
  Simplify the following:

  10y - 6 + 4 - 1y
  - a*y – b + c – d*y
    - “a” is a random integer from 5 through 10.
    - “b” is a random integer from 6 through 9.
    - “c” is a random integer from 3 through 4.
    - “d” is a random integer from 1 through 3.

- 56683

  Simplify the following:
  11x + 4 - 3x + 4
  - a*x + b – c*x + d*y
    - “a” is a random integer from 5 through 13.
    - “b” is a random integer from 1 through 9.
    - “c” is a random integer from 1 through 3.
    - “d” is a random integer from 1 through 9.

- 44642



  - (a*x + b) – (c*x – d)
    - "a" is a random integer from 2 through 10.
    - "b" is a random integer from 2 through 10.
    - "c" is a random integer from 2 through 10.
    - "d" is a random integer from 2 through 10.
- 44643

  Simplify the following:

  (9x - 4) - (6x + 7)
  - (a*x – b) – (c*x + d)
    - "a" is a random integer from 2 through 10.
    - "b" is a random integer from 2 through 10.
    - "c" is a random integer from 2 through 10.
    - "d" is a random integer from 2 through 10.
- 44644

  Simplify the following:

  (9x - 9) - (9x - 1)

- (a*x + b) – (c*x – d)
  - “a” is a random integer from 2 through 10.
  - “b” is a random integer from 6 through 10.
  - “c” is a random integer from 2 through 10.
  - “d” is a random integer from 1 through 5.

- 44645

  Simplify the following:
  (8x - 3) - (4x - 8)

  - (a*x – b) – (c*x – d)
    - “a” is a random integer from 2 through 10.
    - “b” is a random integer from 1 through 5.
    - “c” is a random integer from 2 through 10.
    - “d” is a random integer from 6 through 10.

- 56685

  Simplify the following:

  (6x - 3y) - (4x - 6y)

  - (a*x – b*y) – (c*x – d*y)
    - “a” is a random integer from 6 through 10.
    - “b” is a random integer from 2 through 4.
    - “c” is a random integer from 1 through 4.
    - “d” is a random integer from 6 through 10.

- 57783

  Simplify the following:

  (4x - 6) + (6x - 4)

  - (a*x – b) + (c*x – d)
    - “a” is a random integer from 2 through 7.
    - “b” is a random integer from 1 through 8.
    - “c” is a random integer from 5 through 7.
    - “d” is a random integer from 3 through 9.

- 57440

  Simplify the following:

  $(6 - 3y) - (1y - 8)$

  - (a – b*y) – (c*y – d)
    - “a” is a random integer from 6 through 10.
    - “b” is a random integer from 2 through 4.
    - “c” is a random integer from 1 through 4.
    - “d” is a random integer from 6 through 10.
- 57439

  Simplify the following:

  $(10x - 3y) - (1x - 8x)$

  - (a*x – b*y) – (c*x – d*x)
    - “a” is a random integer from 6 through 10.
    - “b” is a random integer from 2 through 4.
    - “c” is a random integer from 1 through 4.
    - “d” is a random integer from 6 through 10.
- 57863

  Simplify the following:

  $(6y + 1) + (7 - 4)$

  - (a*y + b) + (c – d)
    - “a” is a random integer from 2 through 7.
    - “b” is a random integer from 1 through 8.
    - “c” is a random integer from 6 through 8.
    - “d” is a random integer from 3 through 5.
- 57865

  Simplify the following:

  $-(10x + 7) + (3x - 3)$

  - -(a*x + b) + (c*x – d)
    - “a” is a random integer from 5 through 10.

- “b” is a random integer from 1 through 8.
- “c” is a random integer from 1 through 3.
- “d” is a random integer from 3 through 5.