

#1

Which set of algebra tiles represents the equation: $x+5=7$

Show your work

#2

Which set of algebra tiles represents the equation: $4x+1=9$

Show your work

#3

Which set of algebra tiles represents the equation: $4x=20$

Show your work

#4 Which equation does this set of algebra tiles represent?



- $3x=20$
 $5x=16$
 $5x=20$

Show your work

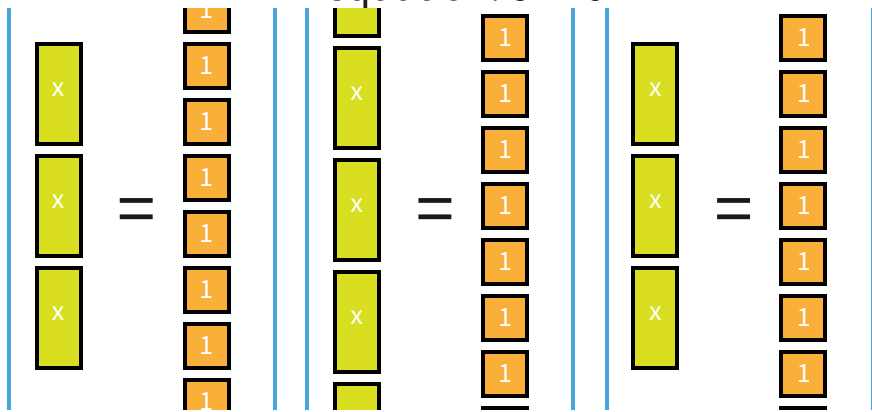
#5 Which equation does this set of algebra tiles represent?



- $4x=12$
 $4x=11$
 $6x=12$

Show your work

#6 Which set of algebra tiles represents the equation: $3x=9$



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Show your work

#7

Which set of algebra tiles represents the equation: $2x=10$

Show your work

#8

Which set of algebra tiles represents the equation: $2x+5=11$

Show your work

#9

Which equation does this set of algebra tiles represent?

$x + 2 = 5$ $x + 2 = 4$ $2x + 1 = 5$

Show your work

#10

Which set of algebra tiles represents the equation: $4x + 2 = 14$

Three sets of algebra tiles are shown, each representing an equation. Each set consists of a left side and a right side separated by an equals sign. The tiles are arranged in vertical columns. The first set shows 4x + 2 = 14, the second shows 2x + 1 = 7, and the third shows 3x + 5 = 10. Below each set is a radio button.

Show your work

#11

Which set of algebra tiles represents the equation: $2x + 1 = 7$

Three sets of algebra tiles are shown, each representing an equation. Each set consists of a left side and a right side separated by an equals sign. The tiles are arranged in vertical columns. The first set shows 2x + 1 = 7, the second shows 4x + 2 = 14, and the third shows 3x + 5 = 10. Below each set is a radio button.

Show your work

#12

Which equation does this set of algebra tiles represent?

A set of algebra tiles is shown. On the left side, there are 5 small orange squares (representing 5) and 3 larger green rectangles (representing 3x). On the right side, there are 10 small orange squares (representing 10). An equals sign is placed between the two sides.

- $3x + 5 = 8$
 $5x + 3 = 8$
 $3x + 5 = 10$

Show your work

Question	Answer
#1	choice 3
#2	choice 2
#3	choice 1
#4	choice 3
#5	choice 1
#6	choice 3
#7	choice 1
#8	choice 3
#9	choice 1
#10	choice 2
#11	choice 3
#12	choice 1