Name:

#1

Which equation does this set of algebra tiles represent?

| 1 | 1 | 1 | 1 | 1 | x |

=

| 1 | 1 | 1 | 1 | 1 | 1 | 1 |

○ $5x + 1 = 7$ ○ $x + 5 = 7$ ○ $x + 5 = 8$

Show your work

#2

Which equation does this set of algebra tiles represent?

| x | x | x | x |

=

| 1 1 1 1 1 1 1 1 1 1 1 1 |

○ $2x = 12$ ○ $4x = 12$ ○ $4x = 8$

Show your work

#3

Which equation does this set of algebra tiles represent?

| x | x | x |

=

| 1 | 1 | 1 | 1 | 1 | 1 |

○ $5x = 6$ ○ $3x = 6$ ○ $3x = 5$

Show your work

#4

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

◯   ◯   ◯
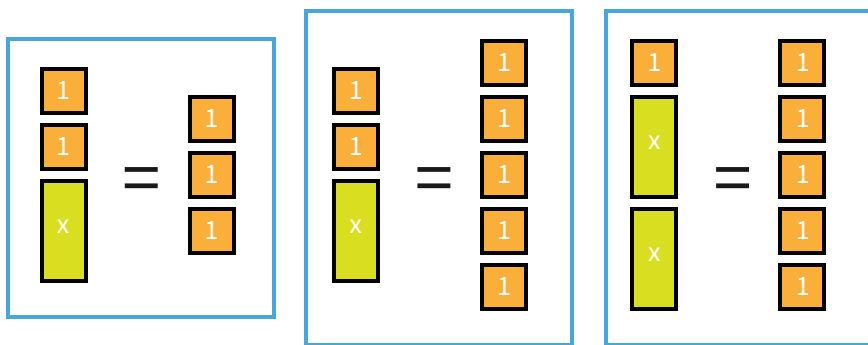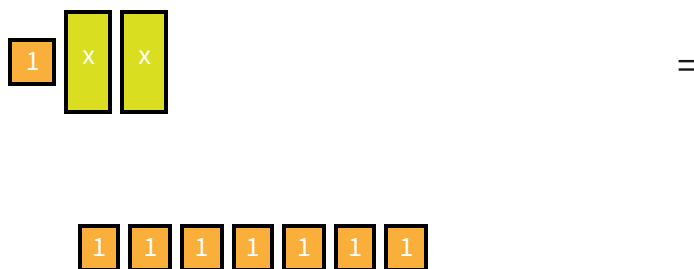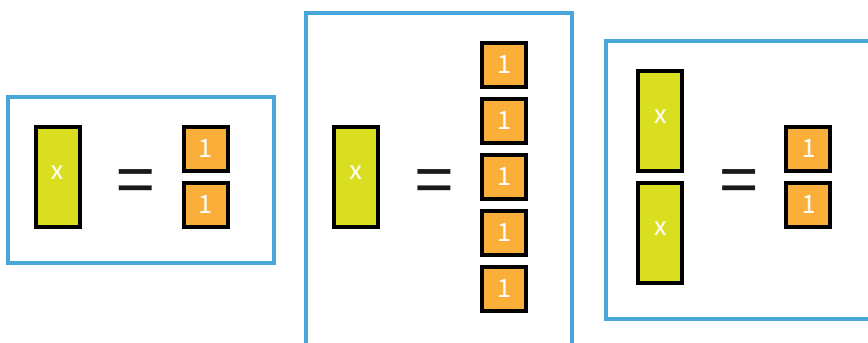
Show your work

#5

Which equation does this set of algebra tiles represent?

=

◯ 2x+1=7   ◯ x+2=7   ◯ 2x+1=10

Show your work

#6

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

◯   ◯   ◯

Show your work

#7 Which set of algebra tiles represents the equation: $4x+3=11$

○   ○   ○

Show your work

#8 Which set of algebra tiles represents the equation: $4x=8$

○   ○   ○

Show your work

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

○   ○   ○

Show your work

#10

Which set of algebra tiles represents the equation: 2x+3=5

○   ○   ○

Show your work

#11

Which set of algebra tiles represents the equation: 3x+2=5

○   ○   ○

Show your work

#12

Which equation does this set of algebra tiles represent?

$=$

○ $3x=9$ ○ $x=9$ ○ $3x=11$

Show your work

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