

Name: _____

Date: _____

1-step backtracking: Answers

(1)

x	$x + 5$
=	=
9	14

$+5$ (above right arrow)
 -5 (below left arrow)

(6)

x	$x + 6$
=	=
6	12

$+6$ (above right arrow)
 -6 (below left arrow)

(2)

x	$x + 7$
=	=
10	17

$+7$ (above right arrow)
 -7 (below left arrow)

(7)

x	$x + 10$
=	=
7	17

$+10$ (above right arrow)
 -10 (below left arrow)

(3)

x	$x + 2$
=	=
9	11

$+2$ (above right arrow)
 -2 (below left arrow)

(8)

x	$x + 5$
=	=
8	13

$+5$ (above right arrow)
 -5 (below left arrow)

(4)

x	$x + 2$
=	=
4	6

$+2$ (above right arrow)
 -2 (below left arrow)

(9)

x	$x + 9$
=	=
4	13

$+9$ (above right arrow)
 -9 (below left arrow)

(5)

x	$x + 8$
=	=
4	12

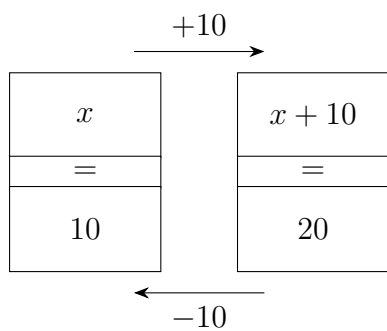
$+8$ (above right arrow)
 -8 (below left arrow)

(10)

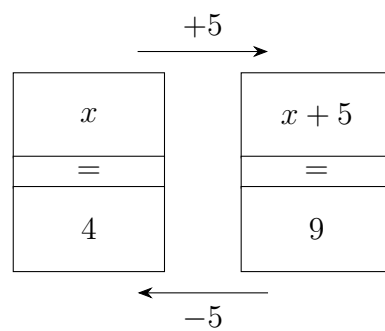
x	$x + 2$
=	=
6	8

$+2$ (above right arrow)
 -2 (below left arrow)

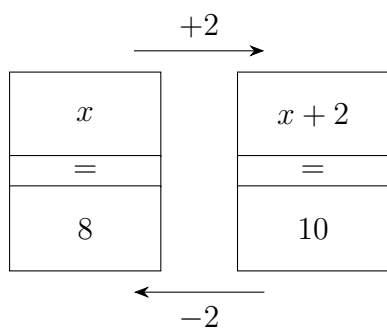
(11)



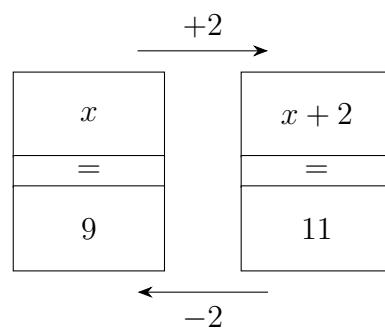
(16)



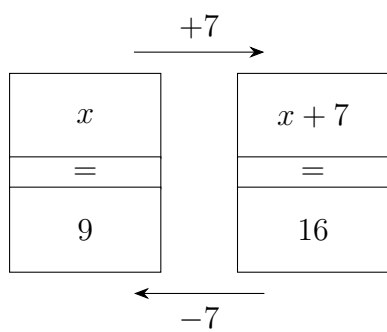
(12)



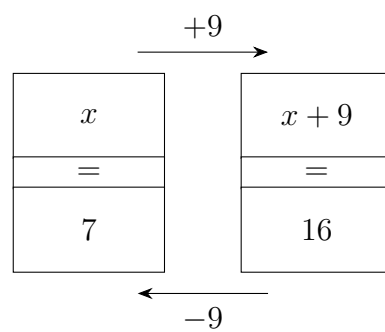
(17)



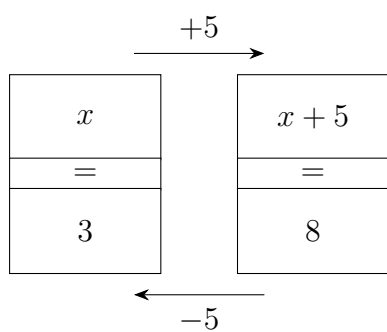
(13)



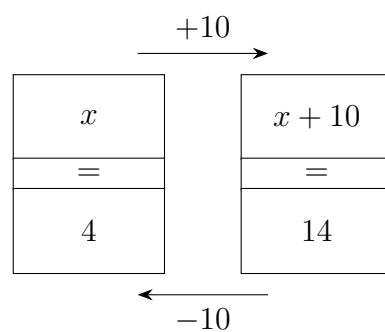
(18)



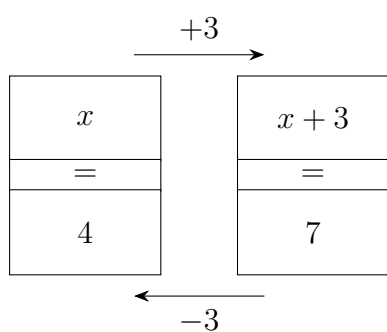
(14)



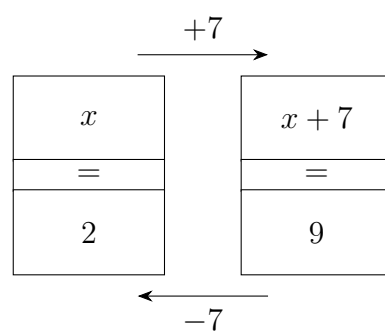
(19)



(15)



(20)



Name: _____

Date: _____

1-step backtracking: Answers

(1)

x	$x - 2$
=	=
12	10

-2 (above right arrow)
 $+2$ (below left arrow)

(6)

x	$x - 3$
=	=
8	5

-3 (above right arrow)
 $+3$ (below left arrow)

(2)

x	$x - 4$
=	=
10	6

-4 (above right arrow)
 $+4$ (below left arrow)

(7)

x	$x - 3$
=	=
10	7

-3 (above right arrow)
 $+3$ (below left arrow)

(3)

x	$x - 4$
=	=
12	8

-4 (above right arrow)
 $+4$ (below left arrow)

(8)

x	$x - 10$
=	=
19	9

-10 (above right arrow)
 $+10$ (below left arrow)

(4)

x	$x - 7$
=	=
14	7

-7 (above right arrow)
 $+7$ (below left arrow)

(9)

x	$x - 8$
=	=
16	8

-8 (above right arrow)
 $+8$ (below left arrow)

(5)

x	$x - 10$
=	=
19	9

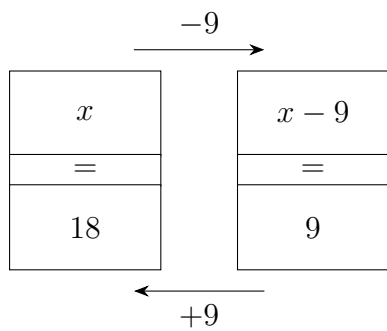
-10 (above right arrow)
 $+10$ (below left arrow)

(10)

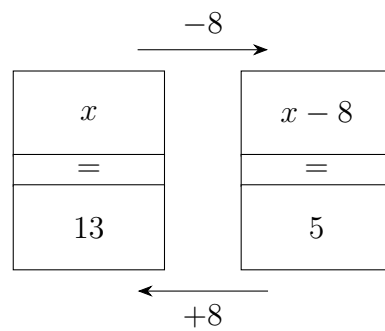
x	$x - 10$
=	=
12	2

-10 (above right arrow)
 $+10$ (below left arrow)

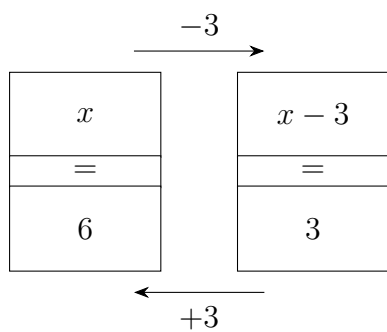
(11)



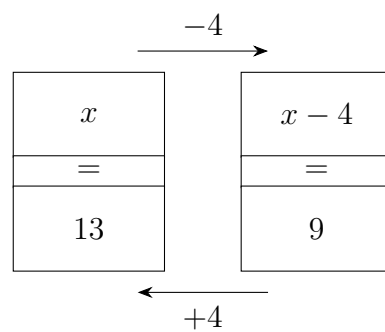
(16)



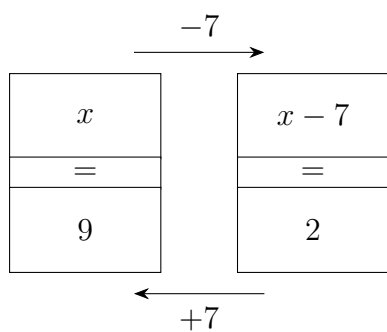
(12)



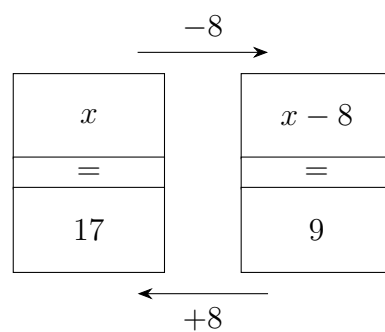
(17)



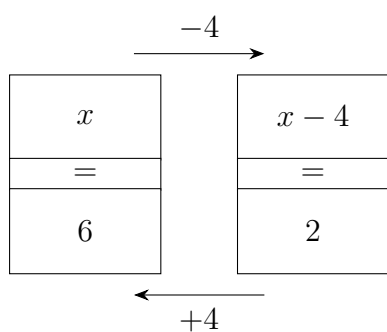
(13)



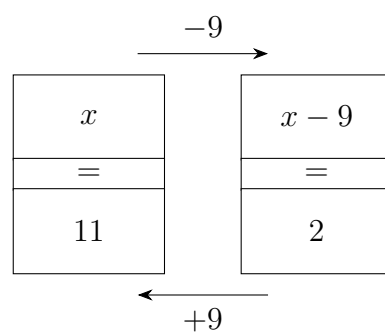
(18)



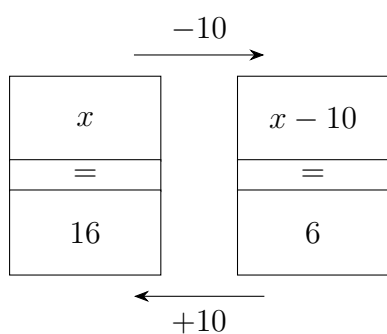
(14)



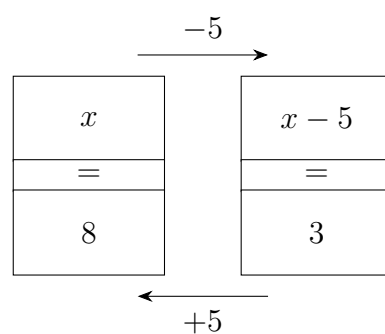
(19)



(15)



(20)



Name: _____

Date: _____

1-step backtracking: Answers

(1)

x

=

8

$\times 3$

$3x$

=

24

$\div 3$

(6)

x

=

9

$\times 4$

$4x$

=

36

$\div 4$

(2)

x

=

4

$\times 5$

$5x$

=

20

$\div 5$

(7)

x

=

8

$\times 4$

$4x$

=

32

$\div 4$

(3)

x

=

3

$\times 9$

$9x$

=

27

$\div 9$

(8)

x

=

5

$\times 7$

$7x$

=

35

$\div 7$

(4)

x

=

9

$\times 7$

$7x$

=

63

$\div 7$

(9)

x

=

7

$\times 3$

$3x$

=

21

$\div 3$

(5)

x

=

4

$\times 8$

$8x$

=

32

$\div 8$

(10)

x

=

8

$\times 4$

$4x$

=

32

$\div 4$

Name: _____

Date: _____

1-step backtracking: Answers

(1)

x

$=$

27

$\div 3$

$\frac{x}{3}$

$=$

9

$\times 3$

(6)

x

$=$

36

$\div 4$

$\frac{x}{4}$

$=$

9

$\times 4$

(2)

x

$=$

8

$\div 4$

$\frac{x}{4}$

$=$

2

$\times 4$

(7)

x

$=$

27

$\div 3$

$\frac{x}{3}$

$=$

9

$\times 3$

(3)

x

$=$

54

$\div 6$

$\frac{x}{6}$

$=$

9

$\times 6$

(8)

x

$=$

14

$\div 2$

$\frac{x}{2}$

$=$

7

$\times 2$

(4)

x

$=$

45

$\div 5$

$\frac{x}{5}$

$=$

9

$\times 5$

(9)

x

$=$

21

$\div 7$

$\frac{x}{7}$

$=$

3

$\times 7$

(5)

x

$=$

90

$\div 9$

$\frac{x}{9}$

$=$

10

$\times 9$

(10)

x

$=$

12

$\div 4$

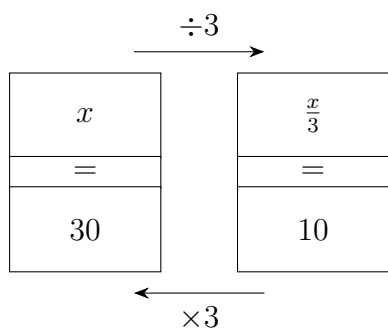
$\frac{x}{4}$

$=$

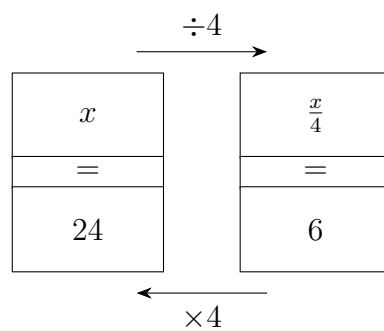
3

$\times 4$

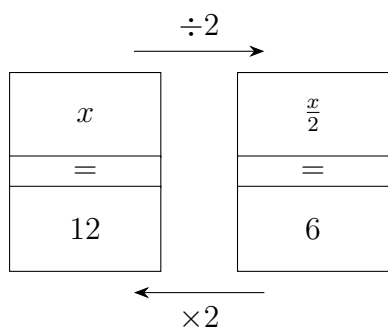
(11)



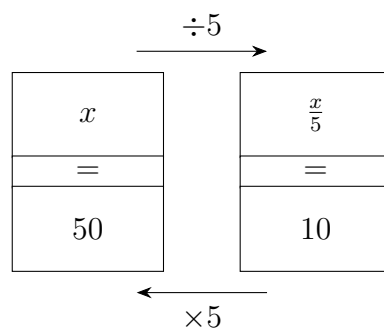
(16)



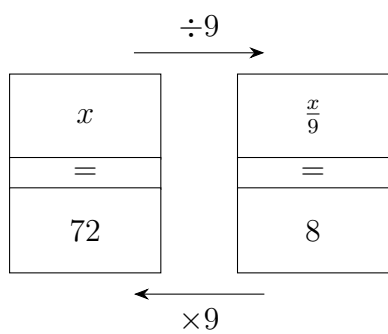
(12)



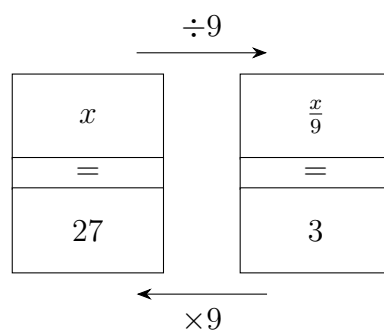
(17)



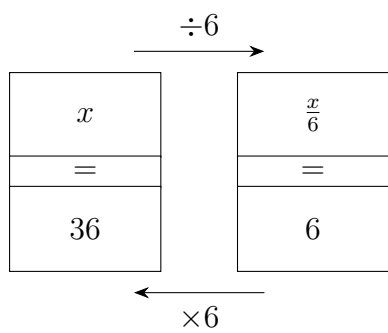
(13)



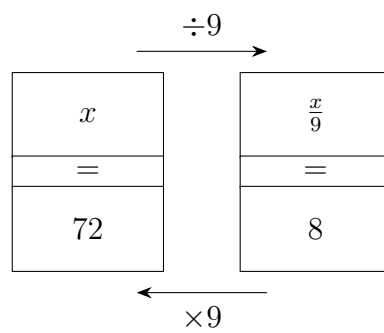
(18)



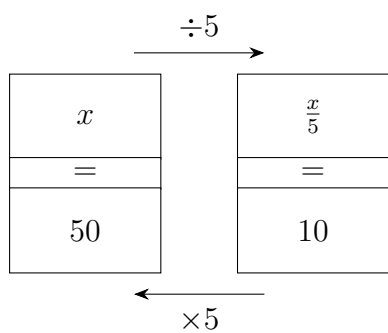
(14)



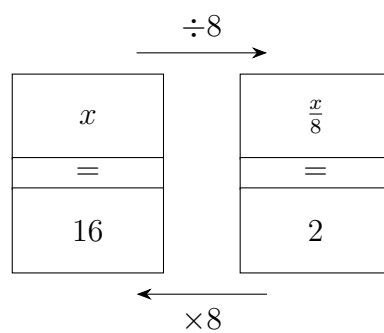
(19)



(15)



(20)



Name: _____

Date: _____

1-step backtracking: Answers

(1)

x

=

25

$\div 5$

$\frac{x}{5}$

=

5

$\times 5$

(6)

x

=

16

-6

$x - 6$

=

10

$+6$

(2)

x

=

20

$\div 2$

$\frac{x}{2}$

=

10

$\times 2$

(7)

x

=

35

$\div 7$

$\frac{x}{7}$

=

5

$\times 7$

(3)

x

=

2

$\times 9$

$9x$

=

18

$\div 9$

(8)

x

=

5

$+2$

$x + 2$

=

7

-2

(4)

x

=

7

$\times 2$

$2x$

=

14

$\div 2$

(9)

x

=

11

-4

$x - 4$

=

7

$+4$

(5)

x

=

72

$\div 9$

$\frac{x}{9}$

=

8

$\times 9$

(10)

x

=

35

$\div 5$

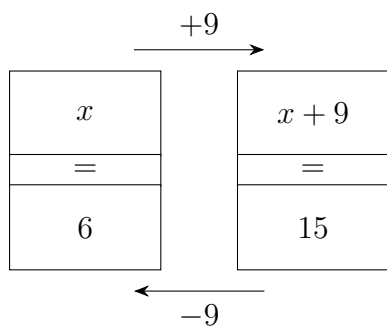
$\frac{x}{5}$

=

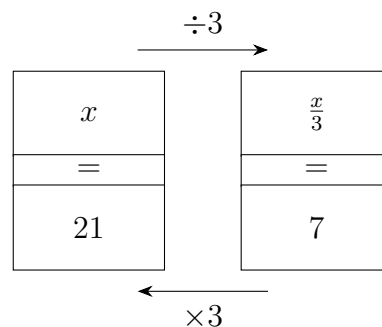
7

$\times 5$

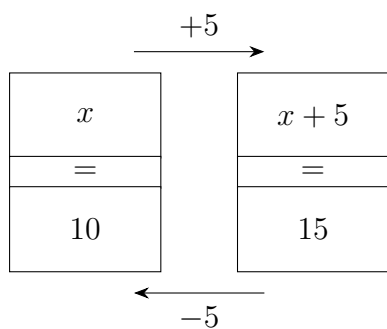
(11)



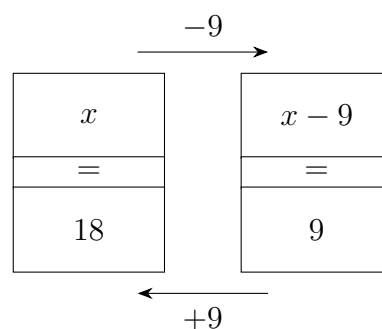
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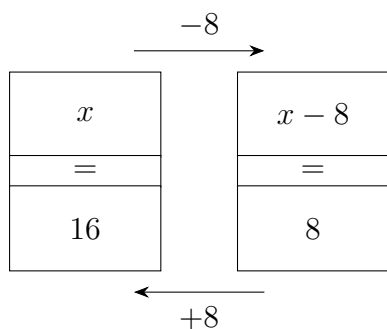
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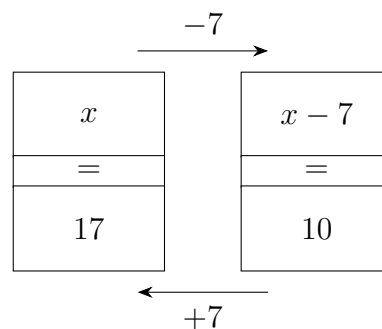
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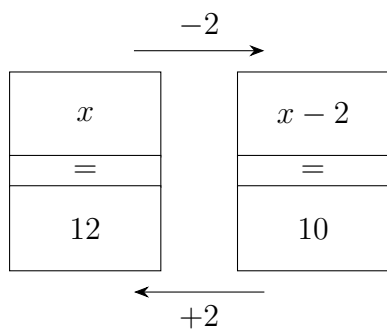
(13)



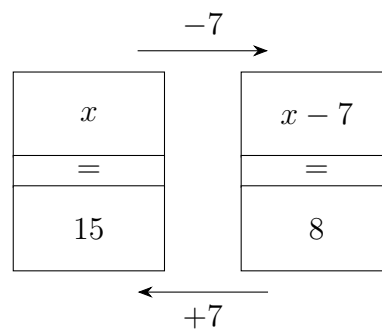
(18)



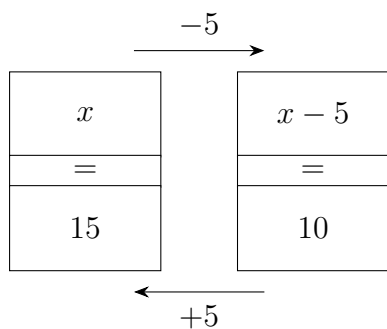
(14)



(19)



(15)



(20)

