2-step backtracking: Answers

(1)

$$\xrightarrow{\times 4} \qquad \xrightarrow{-6}$$

x	$4x$	$4x - 6$
=	=	=
2	8	2

$$\xleftarrow{\div 4} \qquad \xleftarrow{+6}$$

(6)

$$\xrightarrow{\times 5} \qquad \xrightarrow{-8}$$

x	$5x$	$5x - 8$
=	=	=
7	35	27

$$\xleftarrow{\div 5} \qquad \xleftarrow{+8}$$

(2)

$$\xrightarrow{\times 4} \qquad \xrightarrow{-8}$$

x	$4x$	$4x - 8$
=	=	=
4	16	8

$$\xleftarrow{\div 4} \qquad \xleftarrow{+8}$$

(7)

$$\xrightarrow{\times 7} \qquad \xrightarrow{-9}$$

x	$7x$	$7x - 9$
=	=	=
10	70	61

$$\xleftarrow{\div 7} \qquad \xleftarrow{+9}$$

(3)

$$\xrightarrow{\times 4} \qquad \xrightarrow{-10}$$

x	$4x$	$4x - 10$
=	=	=
8	32	22

$$\xleftarrow{\div 4} \qquad \xleftarrow{+10}$$

(8)

$$\xrightarrow{\times 9} \qquad \xrightarrow{-3}$$

x	$9x$	$9x - 3$
=	=	=
2	18	15

$$\xleftarrow{\div 9} \qquad \xleftarrow{+3}$$

(4)

$$\xrightarrow{\times 7} \qquad \xrightarrow{-10}$$

x	$7x$	$7x - 10$
=	=	=
4	28	18

$$\xleftarrow{\div 7} \qquad \xleftarrow{+10}$$

(9)

$$\xrightarrow{\times 10} \qquad \xrightarrow{-5}$$

x	$10x$	$10x - 5$
=	=	=
9	90	85

$$\xleftarrow{\div 10} \qquad \xleftarrow{+5}$$

(5)

$$\xrightarrow{\times 10} \qquad \xrightarrow{-10}$$

x	$10x$	$10x - 10$
=	=	=
4	40	30

$$\xleftarrow{\div 10} \qquad \xleftarrow{+10}$$

(10)

$$\xrightarrow{\times 8} \qquad \xrightarrow{-8}$$

x	$8x$	$8x - 8$
=	=	=
2	16	8

$$\xleftarrow{\div 8} \qquad \xleftarrow{+8}$$