

== 変化と関数 ==

《問題》

次の各々の表で表わされるx, yの関係を, 下の選択肢から選んでクリックしなさい.

(1)

x	...	1	2	3	4	5	6	...
y	...	9	8	7	6	5	4	...

$y=x+8$ $y=10-x$
 $y=9x$ $xy=9$



(2)

x	...	1	2	3	4	5	6	...
y	...	2	4	6	8	10	12	...

$y=x+1$ $y=2-x$
 $y=2x$ $xy=2$



(3)

x	...	1	2	3	4	5	6	...
y	...	12	6	4	3	2.4	2	...

$y = \frac{x}{12}$ $y = 12x$
 $x = 12y$ $y = \frac{12}{x}$



(4)

x	...	1	2	3	4	5	6	...
y	...	8	7	6	5	4	3	...

$y = \frac{x}{8}$ $y = x+7$
 $y = 9-x$ $y = \frac{8}{x}$



(5)

x	...	1	2	3	4	5	6	...
y	...	-3	-6	-9	-12	-15	-18	...

$y = -3x$ $y = -\frac{3}{x}$
 $y = -x-2$ $y = x-4$



(6)

x	...	1	2	3	4	5	6	...
y	...	6	3	2	1.5	1.2	1	...

$y = \frac{x}{6}$ $y = \frac{6}{x}$
 $y = 7-x$ $y = x+5$



(7)

(8)

x	...	1	2	3	4	5	6	...
y	...	4	5	6	7	8	9	...

$$y = x + 3$$

$$x + y = 5$$

$$y = 4x$$

$$y = \frac{4}{x}$$



x	...	1	2	3	4	5	6	...
y	...	-1	0	1	2	3	4	...

$$y = -x$$

$$y = -\frac{1}{x}$$

$$y = x - 2$$

$$y = 2 - x$$



(9)

x	...	1	2	3	4	5	6	...
y	...	11	10	9	8	7	6	...

$$y = x + 10$$

$$y = 12 - x$$

$$y = 11x$$

$$y = \frac{12}{x}$$



(10)

x	...	1	2	3	4	5	6	...
y	...	60	30	20	15	12	10	...

$$y = 60x$$

$$y = 60 - x$$

$$y = \frac{x}{60}$$

$$y = \frac{60}{x}$$

