NAME*   NEPTUN CODE*

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1. (A) The price is $5. (B) `wrong source`

Source	Output
`The price is \$5.`	A
`The price is $5.`	B

2. (A) $\frac{a}{b}c$ (B) $\frac{ab}{c}$ (C) $\frac{a}{bc}$ (D) $a\frac{b}{c}$ (E) `wrong source`

Source	Output
`$\frac{ab}c$`	B
`$a\fracbc$`	E
`$\frac abc$`	A
`$a\frac bc$`	D
`$\frac a{bc}$`	C

3. (A) a_{ij} (B) $a_i j$ (C) a_{i_j} (D) `wrong source`

Source	Output
`$a_i_j$`	D
`$a_ij$`	B
`$a_{i_j}$`	C
`$a_{ij}$`	A

4. (A)

$$\sin(x + y) = \sin x \cos y + \cos x \sin y,$$
$$\cos x \cos y - \sin x \sin y = \cos(x + y)$$

(B)

$$\sin(x + y) = \sin x \cos y + \cos x \sin y,$$
$$\cos x \cos y - \sin x \sin y = \cos(x + y)$$

(C)

$$\sin(x+y) = \sin x \cos y + \cos x \sin y,$$
$$\cos x \cos y - \sin x \sin y = \cos(x+y)$$

(D) `wrong source`
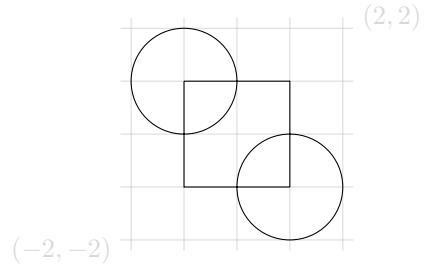
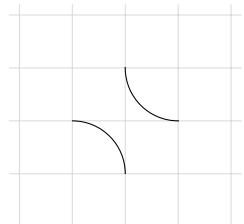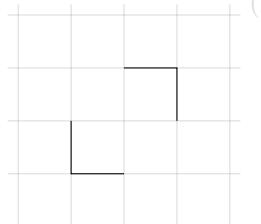| Source	Output

`\begin{equation*}`
`    \sin(x+y) &= \sin x\cos y+ \cos x\sin y, \\`
`  \cos x\cos y - \sin x\sin y  &= \cos(x+y)`
`\end{equation*}`
	D

`\begin{multline*}`
`  \sin(x+y) = \sin x\cos y+ \cos x\sin y, \\`
`  \cos x\cos y - \sin x\sin y  = \cos(x+y)`
`\end{multline*}`
	B

`\begin{align*}`
`  \sin(x+y) &= \sin x\cos y+ \cos x\sin y, \\`
`  \cos x\cos y - \sin x\sin y  &= \cos(x+y)`
`\end{align*}`
	C

`\begin{gather*}`
`  \sin(x+y) = \sin x\cos y+ \cos x\sin y, \\`
`  \cos x\cos y - \sin x\sin y  = \cos(x+y)`
`\end{gather*}`
	A

(A)

5.
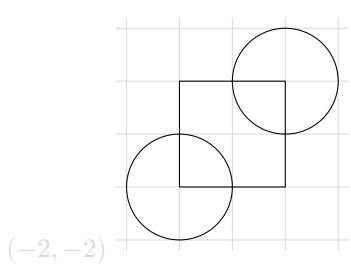
(B)

(C)

(D)

(E) `wrong source`

Source	Output

`\begin{tikzpicture}`
` \draw[very thin, gray!30](-2.2,-2.2) node[below,left]{$(-2,-2)$}`
`  grid (2.2,2.2) node[above,right]{$(2,2)$};`
` \draw (1,-1) circle (1) -- ++(0,2) -- ++(-2,0)`
`  circle (1) -- ++(0,-2) -- ++(2,0);`
`\end{tikzpicture}`
	B

`\begin{tikzpicture}`
` \draw[very thin, gray!30](-2.2,-2.2) node[below,left]{$(-2,-2)$}`
`  grid (2.2,2.2) node[above,right]{$(2,2)$};`
` \draw (-1,-1) circle (1) -- (1,-1) -- (1,1)`
`  circle (1) -- (-1,1) -- (-1,-1)`
`\end{tikzpicture}`
	E

`\begin{tikzpicture}`
` \draw[very thin, gray!30](-2.2,-2.2) node[below,left]{$(-2,-2)$}`
`  grid (2.2,2.2) node[above,right]{$(2,2)$};`
` \draw (-1,-1) circle (1) -- (1,-1) -- (1,1)`
`  circle (1) -- (-1,1) -- (-1,-1);`
`\end{tikzpicture}`
	A

`\begin{tikzpicture}`
` \draw[very thin, gray!30](-2.2,-2.2) node[below,left]{$(-2,-2)$}`
`  grid (2.2,2.2) node[above,right]{$(2,2)$};`
` \clip (-1,-1) circle (1) (1,1) circle (1);`
` \draw (-1,-1) rectangle (1,1);`
`\end{tikzpicture}`
	D

`\begin{tikzpicture}`
` \draw[very thin, gray!30](-2.2,-2.2) node[below,left]{$(-2,-2)$}`
`  grid (2.2,2.2) node[above,right]{$(2,2)$};`
` \clip (-1,-1) rectangle (1,1);`
` \draw (-1,-1) circle (1) (1,1) circle (1);`
`\end{tikzpicture}`
	C