

【】日周運動

【】星の日周運動：北極星

[解答欄 1]

(1)	(2)
(3)	(4)

[解答欄 2]

(1)	(2)	(3)	(4)
-----	-----	-----	-----

[解答欄 3]

[解答欄 4]

(1)	(2)	(3)
(4)		

[解答欄 5]

--	--	--

[解答欄 6]

--	--

【】星の日周運動：回転角

[解答欄 7]

(1)	(2)	(3)	(4)
(5)			

[解答欄 8]

(1)	(2)	(3)	(4)
-----	-----	-----	-----

[解答欄 9]

(1)	(2)
-----	-----

[解答欄 10]

(1)	(2)	(3)	(4)
(5)	(6)	(7)	

[解答欄 11]

(1)	(2)	(3)
-----	-----	-----

[解答欄 12]

(1)	(2)	(3)	(4)
(5)			

[解答欄 13]

--

【】各方位での星の動き

[解答欄 14]

A	B	C	D
---	---	---	---

[解答欄 15]

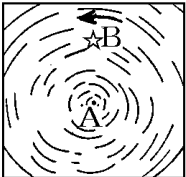
A	B	C	D
---	---	---	---

[解答欄 16]

(1)西：	南：	(2)
(3)		
(4)	(5)	

[解答欄 17]

(1)	(2)	(3)
(4)		

(5)	
-----	---

[解答欄 18]

(1)A	C	(2)	(3)
(4)			

[解答欄 19]

(1)	(2)ア	工	(3)
(4)	(5)		

[解答欄 20]

(1)	(2)B	C	(3)
(4)	(5)		

[解答欄 21]

(1)A	B	C	(2)
(3)	(4)		

【 】星の日周運動と天球

[解答欄 22]

(1)	(2)	(3)
-----	-----	-----

[解答欄 23]

(1)	(2)A	B	C
D	(3)	(4)	(5)
(6)			

[解答欄 24]

(1)	(2)	(3)
-----	-----	-----

[解答欄 25]

(1)	(2)	(3)	(4)
(5)			

[解答欄 26]

--

[解答欄 27]

(1)	(2)
-----	-----

[解答欄 28]

【】太陽の日周運動

[解答欄 29]

(1)	(2)	(3)	(4)
(5)	(6)E	I	

[解答欄 30]

(1)	(2)	(3)	(4)
(5)	(6)		

[解答欄 31]

(1)	(2)	(3)	(4)
(5)	(6)	(7)	

[解答欄 32]

(1)	(2)	(3)	(4)
-----	-----	-----	-----

[解答欄 33]

(1)	(2)	(3)E	
F	(4)	(5)	(6)

[解答欄 34]

(1)	(2)	(3)	(4)
(5)	(6)		

【】太陽の日周運動

[解答欄 35]

(1)	(2)	(3)A	B
C	D	(4)	(5)
(6)	(7)	(8)	

[解答欄 36]

(1)	(2)	(3)	(4)
(5)			

[解答欄 37]

(1)	(2)	(3)	(4)
(5)	(6)	(7)	
(8)日の出 :	日の入り :		

[解答欄 38]

(1)	(2)	(3)	(4)
(5)	(6)	(7)	

[解答欄 39]

(1)	(2)	
(3)		
(4)		
(5)		

[解答欄 40]

(1)	(2)	(3)	(4)
-----	-----	-----	-----

[解答欄 41]

(1)	(2)	(3)	(4)
-----	-----	-----	-----

[解答欄 42]

(1)			
(2)			
(3)	(4)	(5)(a)	(b)
(6)			

[解答欄 43]

--