

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

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

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

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

1	20	2	21	3	20	4	19	5	20	100
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1

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

(1)	①		②	
(2)		(3)		(4)

3

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

4

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

5

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

1	20	2	20	3	20	4	16	5	24	100
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1

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

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

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

4

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

5

(1)		(2)					
(3)	③			④			
(4)							
(5)	bの長さ				実像の 高さ		

1	2	3	4	5	100
/ 20	/ 20	/ 20	/ 20	/ 20	/ 100

1

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

2

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

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

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

5

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

1	2	3	4	5	100
/	/	/	/	/	/
16	16	16	24	28	100

1

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

2

(1)		(2)	
(3)	①		②
(4)			

3

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

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

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

1	20	2	20	3	20	4	20	5	20	100
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1

(1)			
(2)	①	②	③
(3)			(4)

2

(1)	①	②	③
(2)			(3)
(4)	①	②	
	③	酸素	二酸化炭素

3

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

4

(1)	(2)		
(3)	②	③	⑤
(4)	(5)		

5

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

1	2	3	4	5	
/	/	/	/	/	/
18	16	25	21	20	100

1

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

(1)	①				②		
	⑤				⑨		
(2)				(3)			
(4)	c		d		e		f
(5)				(6)			(7)

3

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

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

5

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

1	2	3	4	5	
/ 8	/ 26	/ 16	/ 30	/ 20	/ 100

1

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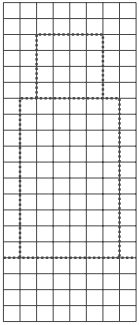
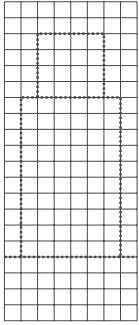
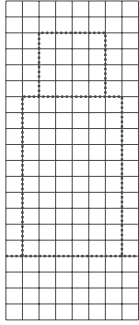
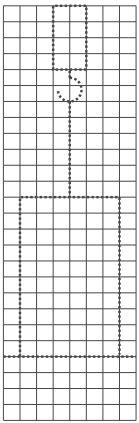
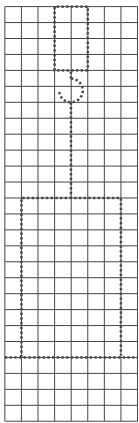
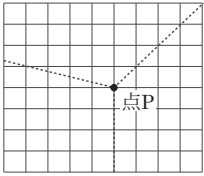
2

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

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

4

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

5

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

1

8

2

15

3

25

4

28

5

24

100

1

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

(1)		(2)		(3)	
(4)		(5)		(6)	
(7)	<hr/> <hr/> <hr/>				

3

(1)	①	<hr/>		
	②	<hr/>		
	③	<hr/>		
(2)	①	窒素分子	③	
	②	水素分子		

4

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

5

(1)		(2)	①	②	(3)	
(4)	A		B			

1 / 12

2 / 24

3 / 28

4 / 17

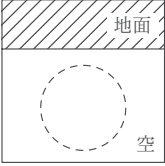
5 / 19

100

1

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

2

(1)	①		②	ア		イ	
(2)	①			④			
	②						
	③						

3

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

4

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

5

(1)		(2)		(3)		(4)	
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1	2	3	4	5	100
/15	/28	/28	/17	/12	/100